AMERICAN GARMENT CUTTER

WOMAN'S GARMENTS

SECOND EDITION



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THE AMERICAN GARMENT CUTTER

FOR

WOMEN'S GARMENTS

SECOND EDITION

¶A complete, practical, up-to-date treatise on the cutting of

WOMEN'S GARMENTS

according to the latest and most approved method

AMERICAN FASHION COMPANY
PUBLISHERS
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Preface to the Second Edition

THE First Edition of the American Garment Cutter met with unprecedented success, in reference both to its acceptance by the Ladies' Tailoring Trade as a work on cutting par excellence and the demand for the book itself.

The call for this auxiliary instructor in the drafting and cutting of ladies tailor-made apparel by a practical, yet simple system, has completely exhausted the First Edition; and in devoting ourselves to the Second Edition we have carefully considered the up-to-date needs of the trade in its preparation.

Therefore, while fully covering the matter of detailed consideration of all standard garments, the taking of the measures, the correct drafting of the patterns, tables of proportions, and other features so highly commended in the first edition, we have recognized the imperative need of "modernizing," so to say the treatment of the subject, and while not getting away from the fundamental principles as set forth in the earlier issue, the present work has been revised and supplemented with much new material and many illustrations, making it in every way a worthy successor to the First Edition.

In the satisfaction that this work will duplicate the success of the American Garment Cutter, First Edition, we present it for your practical use and consideration.

The Author,

GUSTAV ENGELMANN

DEDICATION

TO the thousands of Tailors throughout the World whose lives are unselfishly consecrated to the production of perfect fitting garments for women, this work is dedicated in the most cordial wishes of

The Author.

Measurements

PROPORTIONAL MEASUREMENTS

WOMEN

Sizes	32	34	36	38	40	42	44	46	48	50
Bust	32	34	36	38	40	42	44	46	48	50
Waist	23½	24	25	26	27½	29	31	33½	36	39
Hip	37	39	41	43	45	47	49	51	54	57
Neck	13¾	14¼	14¾	15¼	15¾	16¼	16¾	17¼	17¾	18¼
Across Chest	14½	15	15½	16	16½	17	17½	18	18½	19
Length of Waist Front	7¼–17¼	7½–17½	7½–17½	7½–17½	7½–17¼	7¾–17	7¾–16¾	7¾–16½	8 –16¼	8 –16
1-2 Shoulder Height Front	8¾– 6¾	9 – 7	9¼– 7¼	9½– 7½	9¾– 7¾	10 –8	10¼–8¼	10½–8½	10¾–8¾	11 –9
1-2 Shoulder Height Back	8 – 5¾	8⅛– 5⅞	8¼– 6	8⅜– 6⅛	8½– 6¼	8⅝– 6⅜	8¾– 6½	8⅞– 6⅝	9 – 6¾	9⅛– 6⅞
Neck Height and to Waist	7 –15⅜	7⅛–15½	7¼–15½	7⅜–15½	7½–15⅝	7⅝–15¾	7¾–15⅞	7⅞–16	8 –16¼	8⅛–16⅜
Across Back	13	13½	14	14½	15	15½	16	16½	17	17½
Under Arm	8¼	8½	8½	8½	8¼	8	7¾	7½	7¼	7
Shoulder	5½	5⅝	5¾	5⅞	6	6⅛	6¼	6⅜	6½	6⅝
Inside Sleeve	18	18½	18½	18½	18½	18½	18½	18½	18½	18½

DIAGRAM 1

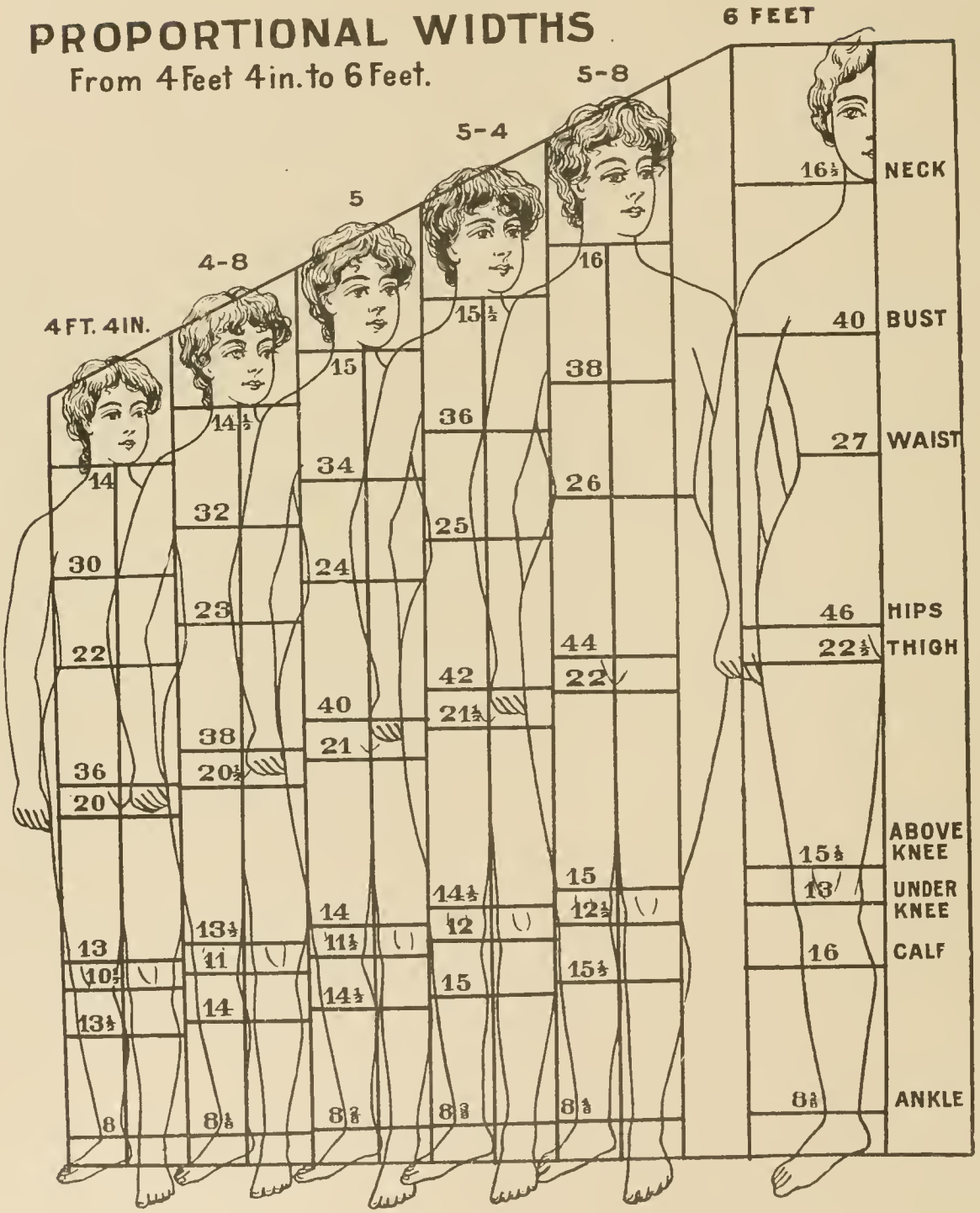

PROPORTIONAL WIDTHS
From 4 Feet 4 in. to 6 Feet.
4 FT. 4 IN.
4-8
5
5-4
5-8
6 FEET
NECK
BUST
WAIST
HIPS
THIGH
ABOVE KNEE
UNDER KNEE
CALF
ANKLE

DIAGRAM 2

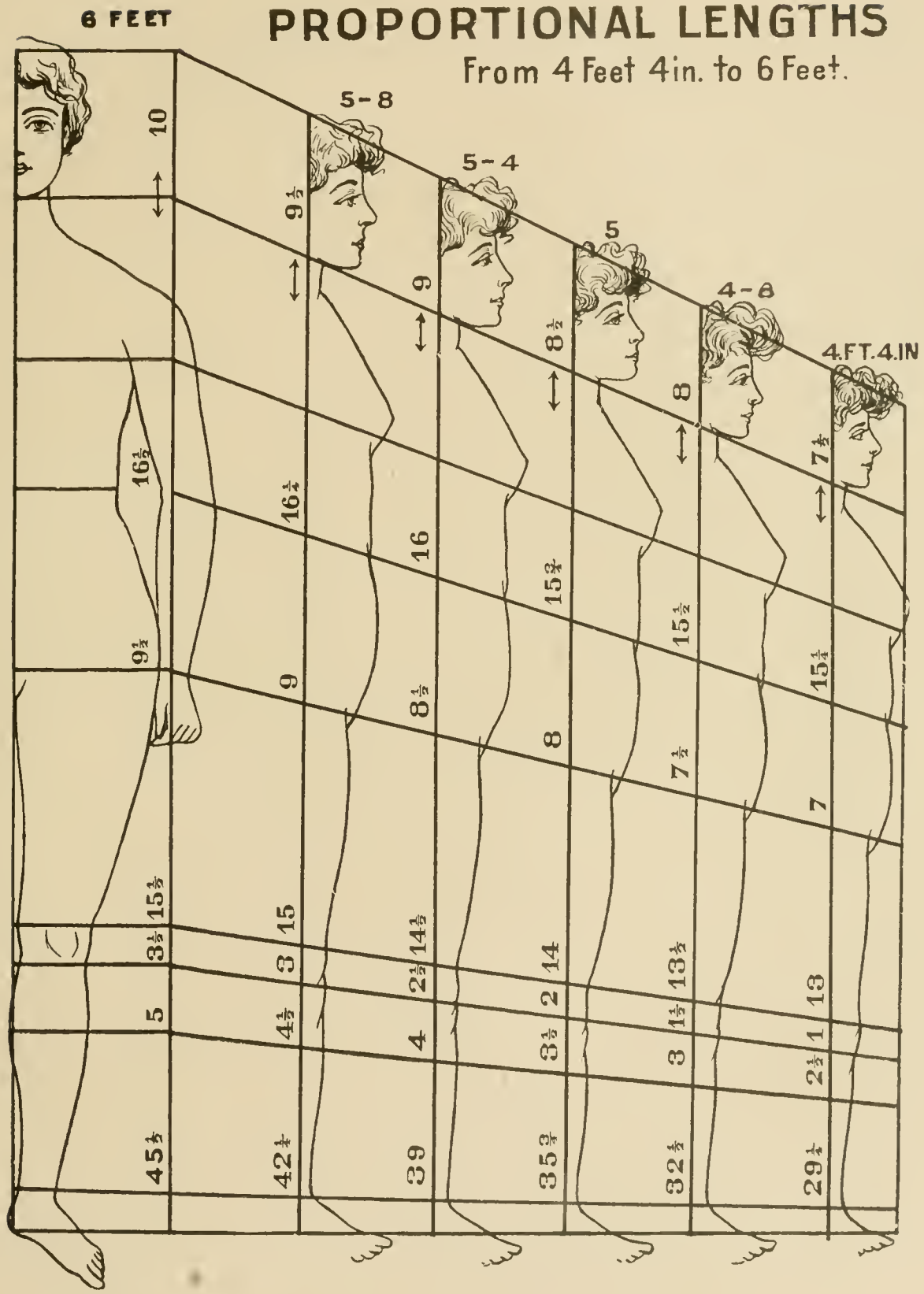

6 FEET
PROPORTIONAL LENGTHS
From 4 Feet 4in. to 6 Feet.
5-8
5-4
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4-8
4.FT.4.IN
10
9½
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7
15½
15
14½
14
13½
13
5
4½
4
3½
3
2½
1
45½
42½
39
35¾
32½
29¼

Diagram 3

DIRECTIONS FOR TAKING MEASURES.

In taking a customer's measure it is absolutely essential that she be treated in such a manner that she feel perfectly at ease in every way, hence will assume her natural attitude. Act quickly but quietly; don't get flustered yourself; converse naturally with her, to take her mind from the fact that she is being measured, otherwise she will inevitably and unconsciously "pose," which will result in a misfit, meaning trouble, alterations, loss of prestige, etc.

Be very careful in measuring to place the tape close to the body, neither too tight nor too loose, and see to it that it is not crooked. The success of the garment depends greatly on the balance, which the measurement alone can ascertain. It is therefore imperative that the body of your customer be in its natural pose when the measure is taken. We must again impress upon you the necessity of so arranging matters that you will keep her body in its proper pose. It is a very common occurence that a person whose natural attitude is somewhat stooping will erect herself during the operation of measuring, which should be avoided. Take special notice of the foregoing instruction.

TAKING THE MEASURE.

Diagram 4, N. 1; Diagram 4, No. 2.

FIRST—Mark shoulder seam with two pins, one at 8, the other at 9. This is very important, and great care should be taken not to get this particular seam too far front or back.

SECOND—Place tape high up under arm as line 1 shows, and mark with pins for shoulder height measure at 22 and 15 on front and 24-25 on back, directly under shoulder pins previously placed.

BUST MEASURE—Move tape down to fullest part of bust (point 2) and take measure.

WAIST MEASURE—Draw tape tight around waist and take measure.

HIP MEASURE—Move tape down four (4) inches below waist to point 4, and measure fairly tight. Four inches lower is a second hip measure, point 5.

NECK MEASURE—Measure around neck with ease, not too tight nor yet too loose.

ACROSS CHEST—21-20. From armscye to armscye across chest.

NECK FRONT TO WAIST—6-2-3. From lowest point of neck measure to fullest part of bust to waist front.

SHOULDER HEIGHT FRONT—8-22 and 9.15. Measure from pins on shoulder to pins placed on bust.

SHOULDER HEIGHT BACK—8-24 and 9-25. Measure from pins on shoulder to pins placed on back.

LENGTH BACK TO WAIST—6-1-3. From collarbone to center of back to waist.

ACROSS BACK—23-11. From armscye to armscye across back.

UNDER ARM—Place the end of tape a little back of directly under the arm; then take the measure to bottom of belt. Be very careful to get this measure long enough.

OUTSIDE SLEEVE—7-11-12-13. From center of back to armscye, elbow and wrist.

SKIRT MEASURE.

Take waist measure same as for jacket, and for hip measure, 6 inches below waist.

LENGTH FRONT—3-16 from waistband to floor.

LENGTH SIDE—18-17 from waistband to floor.

LENGTH BACK—3-19 from waistband to floor.

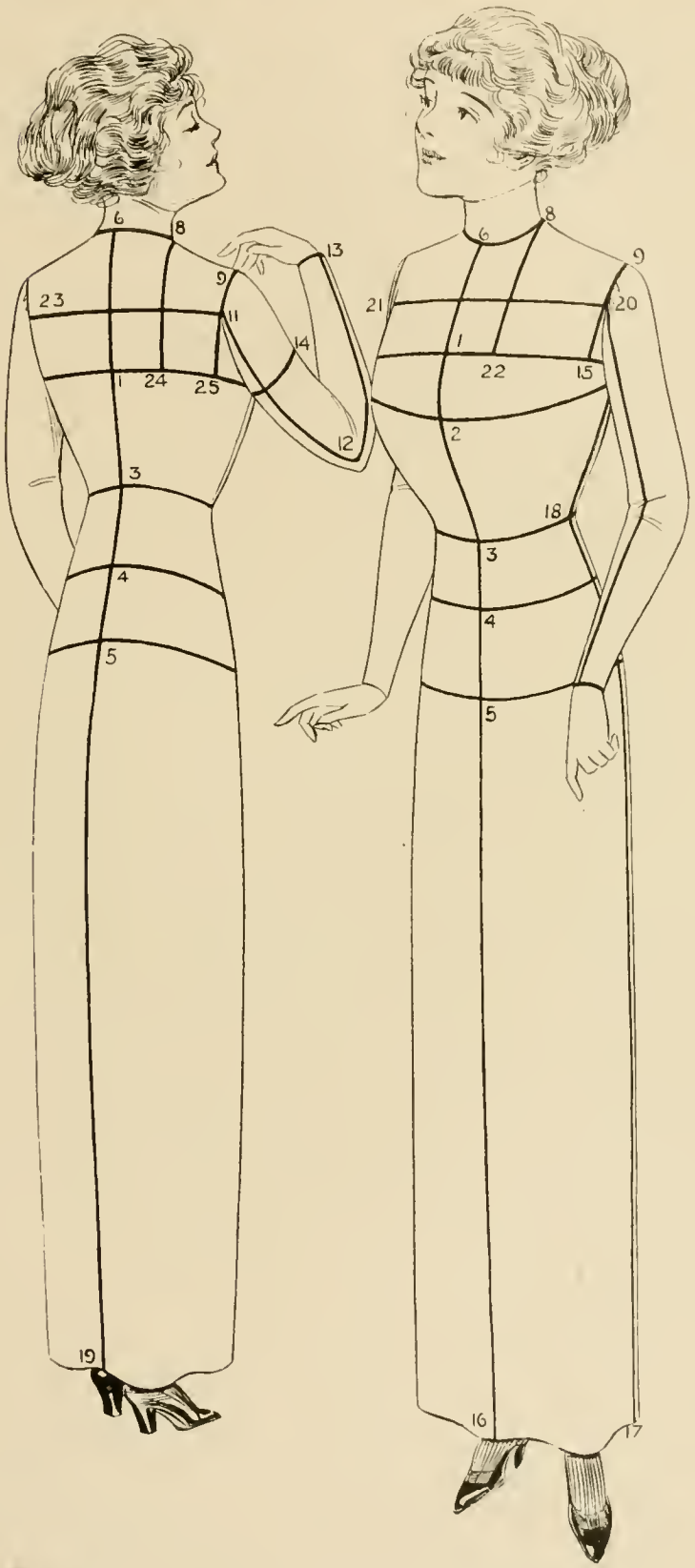


DIAGRAM 4 NO. 1

DIAGRAM 4 NO. 2

JACKET LESSON I.

DIAGRAM 5

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Draw line A B.

From A to C is 7¼ inches, neck height in back.

From A to E is 15½ inches, length of waist in back.

E to F is 4 inches, the first hip.

F to B is 4 inches, the second hip.

Square over points C E F and B on line A B.

From C to D is ½ of bust measure plus 1 inch. In this case 20 inches.

This 1 inch we allowed is lost in cutting out the pattern.

D to Q is ½ inch allowed for breathing.

D to G is ¼ of bust measure, in this case 5 inches.

G to H is ⅛ of bust measure plus 1½ inches, in this case 4 inches.

C to Y is 2¼ inches.

This point changes ⅛ more or less according to larger or smaller sizes.

C to I is 7 inches, ½ of back measure.

Square point D and H up and down.

Square up points G I Y on line C D.

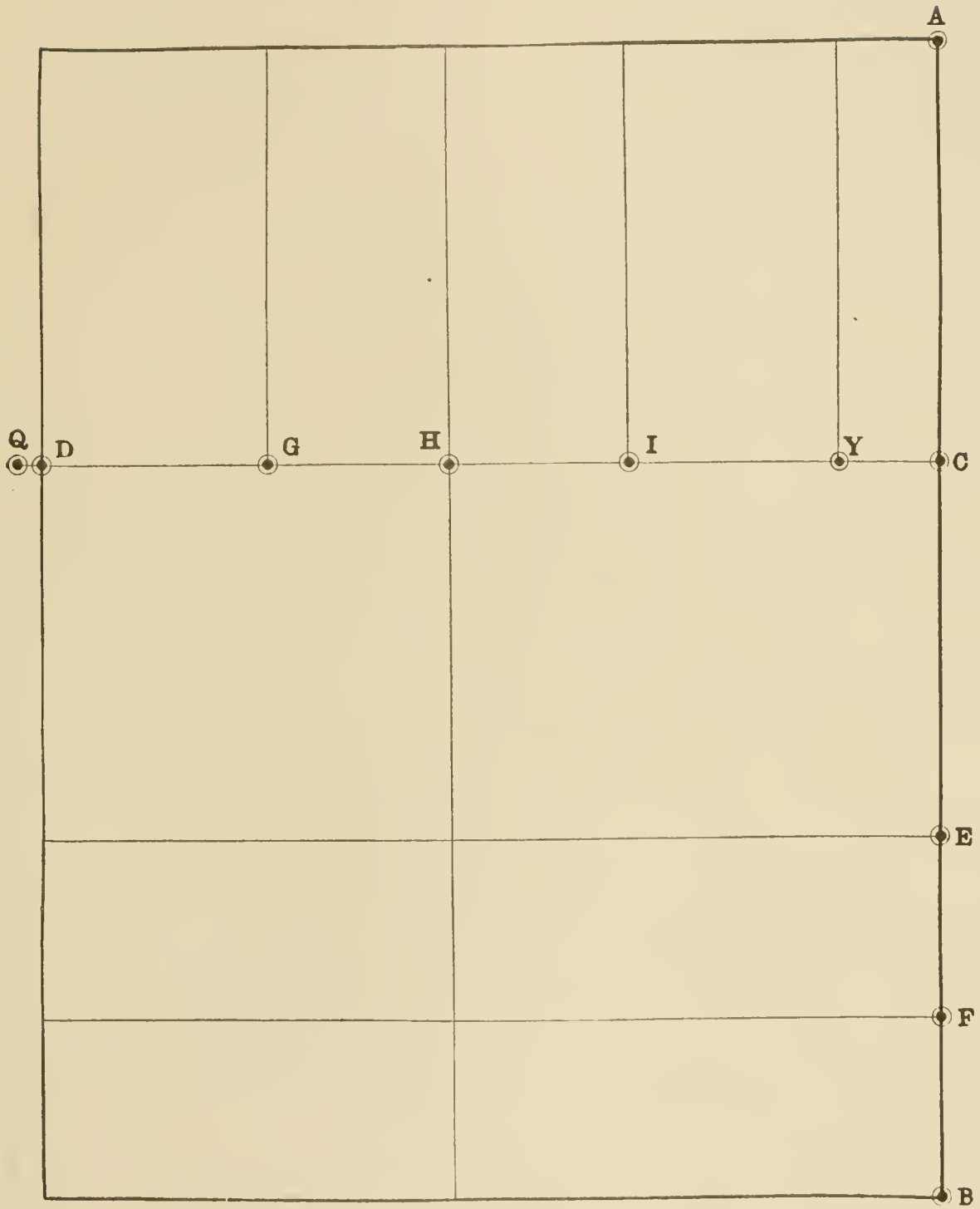


DIAGRAM 5

JACKET LESSON II.

Diagram 6

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

C to P is 6 inches, the second shoulder height back.
Y to O is 8¼ inches, the first shoulder height back.
Square over A and P on line A B.
In squaring P over point R is found crossing line I.
R to S is ½ inch.
Draft neck A O and draw back shoulder O S, 5¾ inches.
At front, H to 3 is 7½ inches, second shoulder height front. Square point 3.
G to X is 9½ inches, first shoulder height front. Square point X over 1½ inches to point 31.
X to 1 is 2 inches.
Square over point 1 to 27.
Draft neck curve from 31 to 27.
Draw front shoulder from 31 to 3, 5¾ inches, the same as back shoulder O. S.
Z to 2 is 7¾ inches, ½ of chest measure.
Draft armscye from S through H, 2 to 3.
In drafting armscye be very careful not to go inside of line I. R.
Also do not bring it below the bust line.
It is very important to follow the draft of armscye very carefully and get the shape as near as possible as diagram shows, as nothing can be added to an armscye that is too large while a small armscye can easily be made larger.

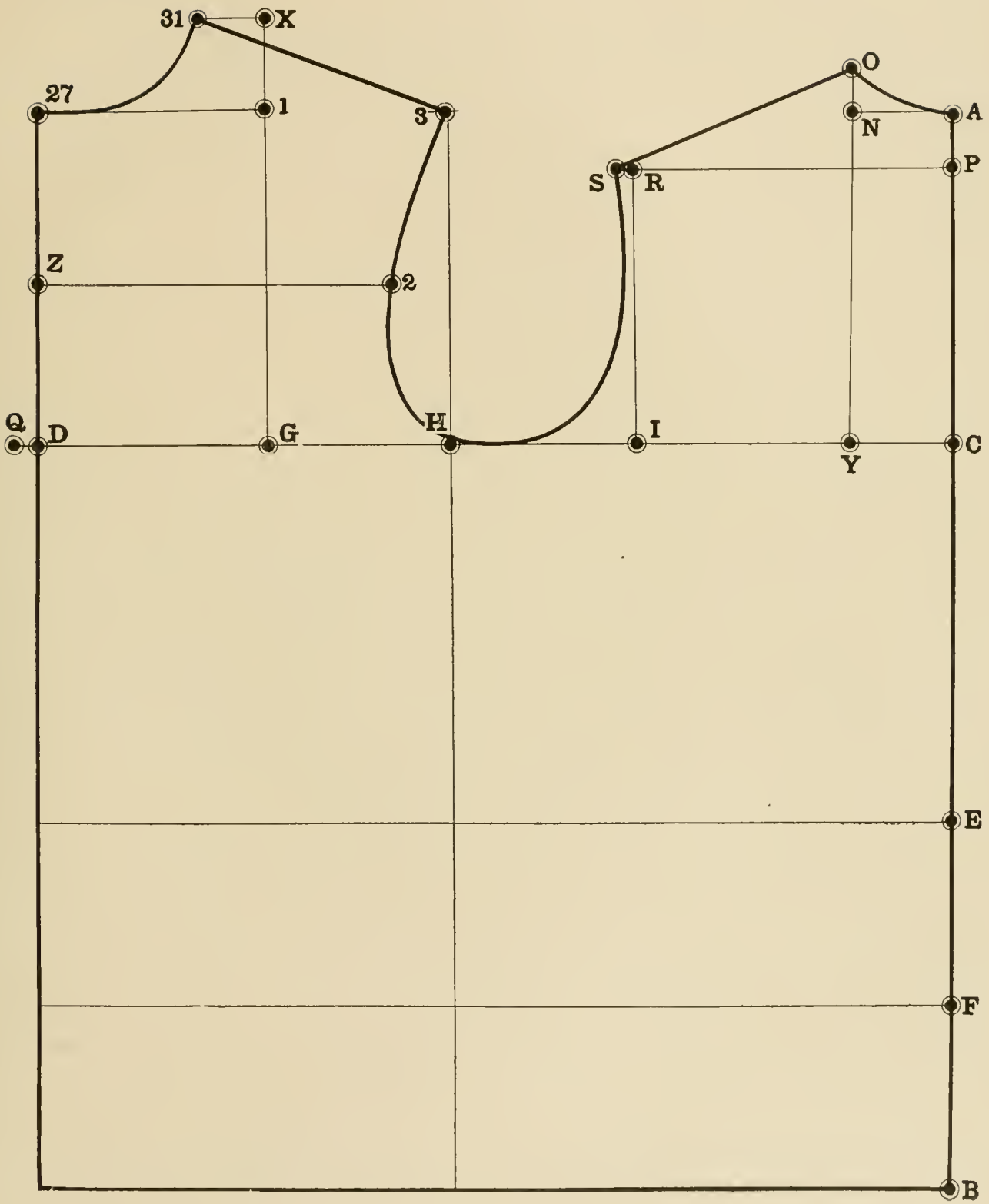


Diagram 6

TIGHT BACK LOOSE FRONT.

DIAGRAM 7

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

At waist line E to J is 1½ inches in all cases.
J to K is 1¼ inches.
This measure varies ⅛ inch according to larger or smaller size where the back is tight fitting with two gores.
Waist measure 25 inches, ¼ of same is 6¼ inches, which must be divided into ½ back and two equal gores.
K to L is 1 inch.
L to 7 is 7 inches. As we only need 5 inches in this case, the other 2¼ inches are taken out in two darts of 1⅛ inches each. The remaining 5 inches are to be divided equally into two gores of 2½ inches each.
L to 4, 2½ inches; 4 to 5, 1⅛ inches; 5 to 6, 2½ inches; 6 to 7, 1⅛ inches.
On hip line measure from F to V 1¼ inches.
Draw center back from A through J to V.
Take the center of L K, square down where line crosses on hip, measure ⅛ inch to 15, no allowances to be made for point 10.
Take the center of 4 and 5, square down where line crosses on hip, measure ½ inch to 75 and ⅜ inch to 74.
Take the center of 6 and 7, square up to 28 and down where line crosses on hip, measure ¾ inch to 13 and ⅜ inch to 14.
28 to 30 is 8½ inches length of underarm measure.
Draw new waist line from L to 30.
R to T is 2½ inches.
Draw guide line from K at waist line to T.
Go out from guide line on bust line 1 inch to U.
Shape back and side gores as shown.
Measure hip from V to 10, 15 to 74, 75 to 14, 13 to 33, which is 20½ inches, ½ of hip measure.
33 to 18 is 1½ inches.
This 1½ inches is taken out in the front dart at waist line between 9 and 8.
Measure back neck A O, which is 2½ inches.
Place this 2½ inches at front neck on point 32 to 27, which is 15 inches neck measure.
Draw center front line from 27 through Q to 18 to length of coat.
27 to Q is 7¼ inches, the highest point of chest.
27 to M is 17½ inches. Length waist in front.
Draw new waist line from 30 to M.
To place dart, measure from M at waist line to 9, 3¾ inches.
Take out from 9 to 8 1½ inches. This 1½ inches we allowed from 33 to 18.
On front bust line from Q measure over 3¾ inches, and from this point down to W measure 3½ inches.
Take the center 8, 9, draw a line up to W, down and shape dart as diagram shows.

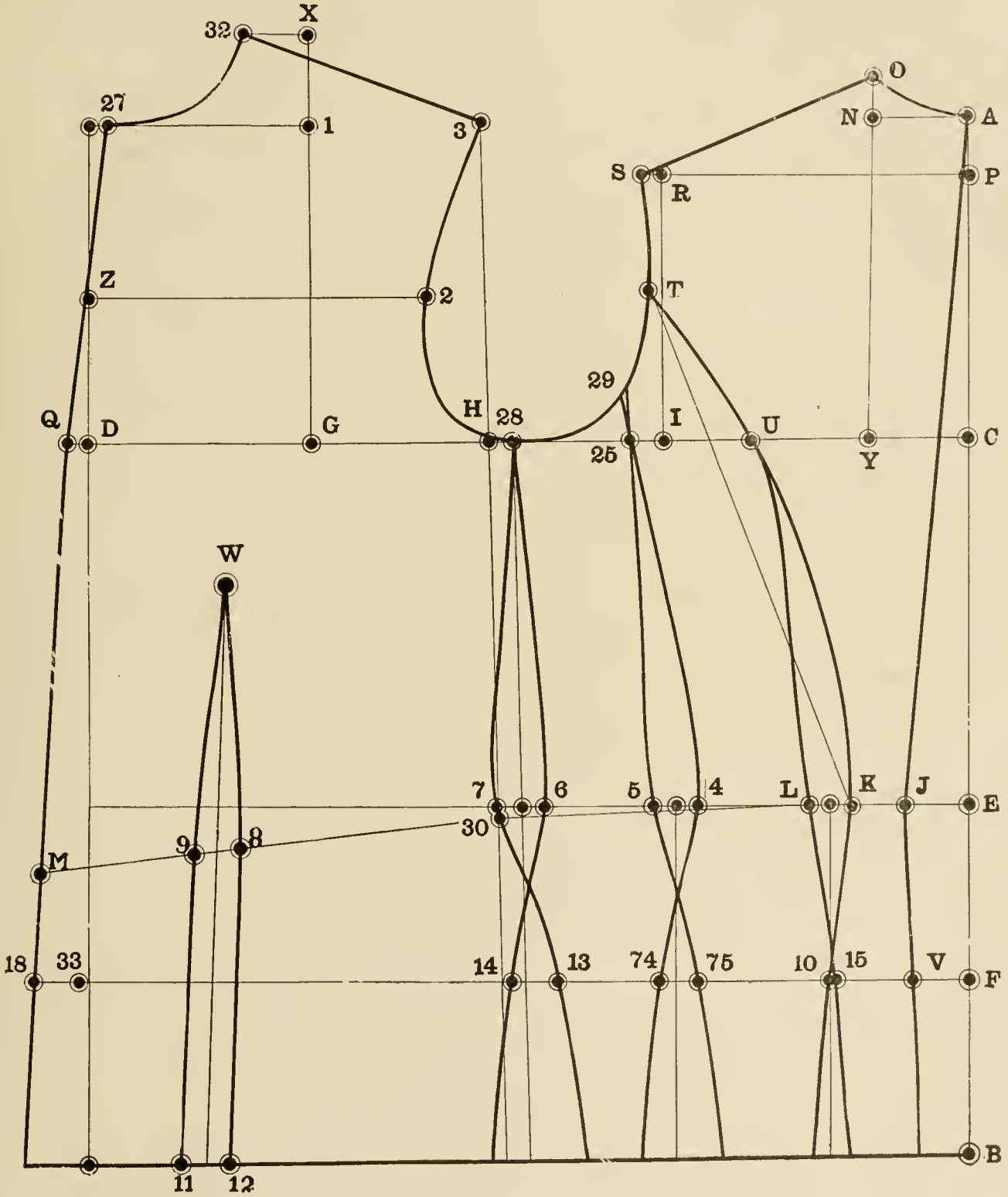

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75
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Diagram 7

TIGHT BACK LOOSE FRONT COMPLETE.

DIAGRAM 8

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	8¼— 6 inches
Neck	15 inches	Neck Height to Waist	7¼—15½ inches
		Shoulder	5¾ inches

INSTRUCTIONS.

How to make garment double breasted.

Measure from front line Q 18, 2 inches to 26, 71 and draw line.

For buttons measure the same distance back from front line Q 18 and mark buttons as shown in diagram.

To obtain collar and lapels measure from the deepest point of neck, 31 to 23, 1 inch.

Draw a straight line from the bottom of lapel 26 through 23 to 24.

32 to 21 is 2¾ inches, ¼ inch more than the neck measure O A.

Square on line 26, 24.—1¼ inches, to 25 for standing band and 3 inches to 35.

35 to 36 is ½ inch for spring.

Shape back line of collar from 25, 24, 21 to 36.

Shape collar and lapel as diagram shows.

Place separate paper under collar, trace out according to shape of collar.

To trace lapel break on line 26, 24, turn paper under and trace out the shape of lapel, which will be reversed on oppositie side.

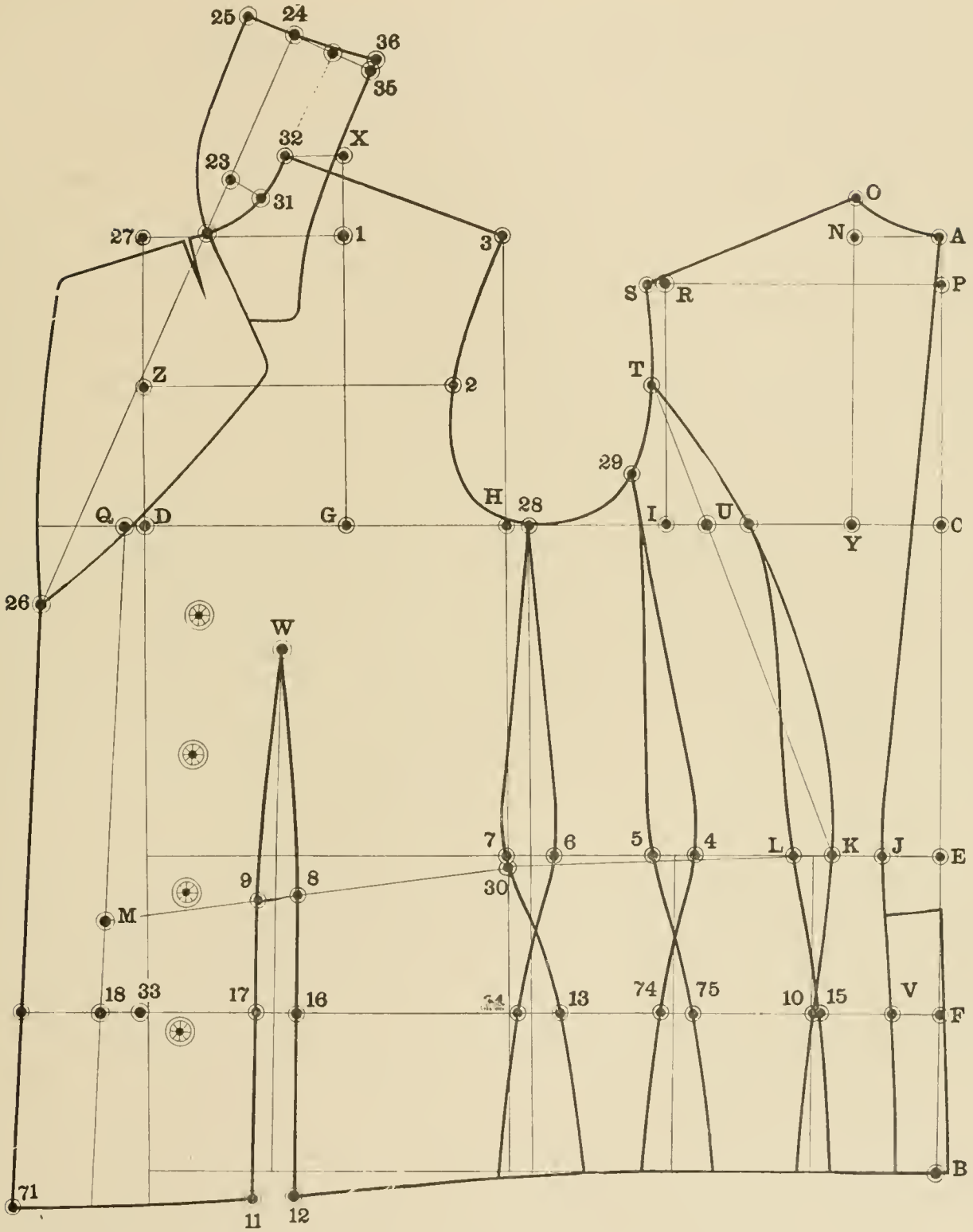

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Diagram 8

TIGHT FITTING JACKET WITH TWO DARTS.

DIAGRAM 9

INSTRUCTIONS.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Shoulder Height Back	6 — 8¼ inches
		Length of Shoulder	5¾ inches

MEASURES.

Follow same instructions as given in First, Second and Third Lessons with exception of front.
At hip line measure from V to 10, 15 to 74, 75 to 14, 13 to 18, which is 20½ inches plus 1 inch.
This 1 inch is taken out between the two front darts at hip line, ½ inch in each.
Draw center front line from 27 through Q 18, slightly shaped to 71.
27 to D is 7¼ inches, the highest point of chest.
27 to M is 17½ inches, length of waist in front.
Draw new waist line from 30 to M.
Place the 6¼ inches, which is ¼ of back measure, on point 30, and measure over 12½ inches to point 63, which is ½ of waist measure.
63 to M is 3 inches.
These 3 inches are divided equally into the two front darts at waist line, of 1½ inches each.
To place darts, measure at waist line from M to 62, 2 inches.
62 to 63 is 1½ inches.
63 to 9 is 1 inch.
9 to 8 is 1½ inches.
On front bust line from D measure over 3¾ inches, and from this point down 3 inches to U.
From U measure over to W 2½ inches, and from this point up to the bust line 2½ inches, which gives us the height of darts.
Take the center of 62 and 63 at waist line, draw a line up to U and measure 6 inches down from waist line to 57.
Take the center of 8, 9 at waist line, draw a line up to W, and measure down 6 inches from waist line to 58.
The first dart where line crosses on hip measure ¼ inch to 59 and ¼ inch to 60.
The second dart where line crosses on hip measure ¼ inch to 16 and ¼ inch to 17 and shape dart as diagram shows.
To make garment double breasted measure from M at the waist line to 54, 1 inch.
At neck 27 to 52 is 1 inch.
Draw opposite line from 71 through 54, Q to 52, 52 to 51 is 4 inches.
54 to 53 is 1½ inches.
71 to 55 is 2½ inches.
Shape front as diagram shows.
To obtain lay down collar, measure from the deepest point of neck 31 to 23, 1 inch.
Draw line from 27 through 23 to 24, 32 to 21 is 2¾ inches, ¼ inch more than the back neck measure. A O.
Square on line 27, 24, 1¼ inches to 25 for standing band and 3 inches to 35.
35 to 36 is ½ inch for spring.
Shape the back of collar from 25 through 24, 21 to 36, as shown in diagram.

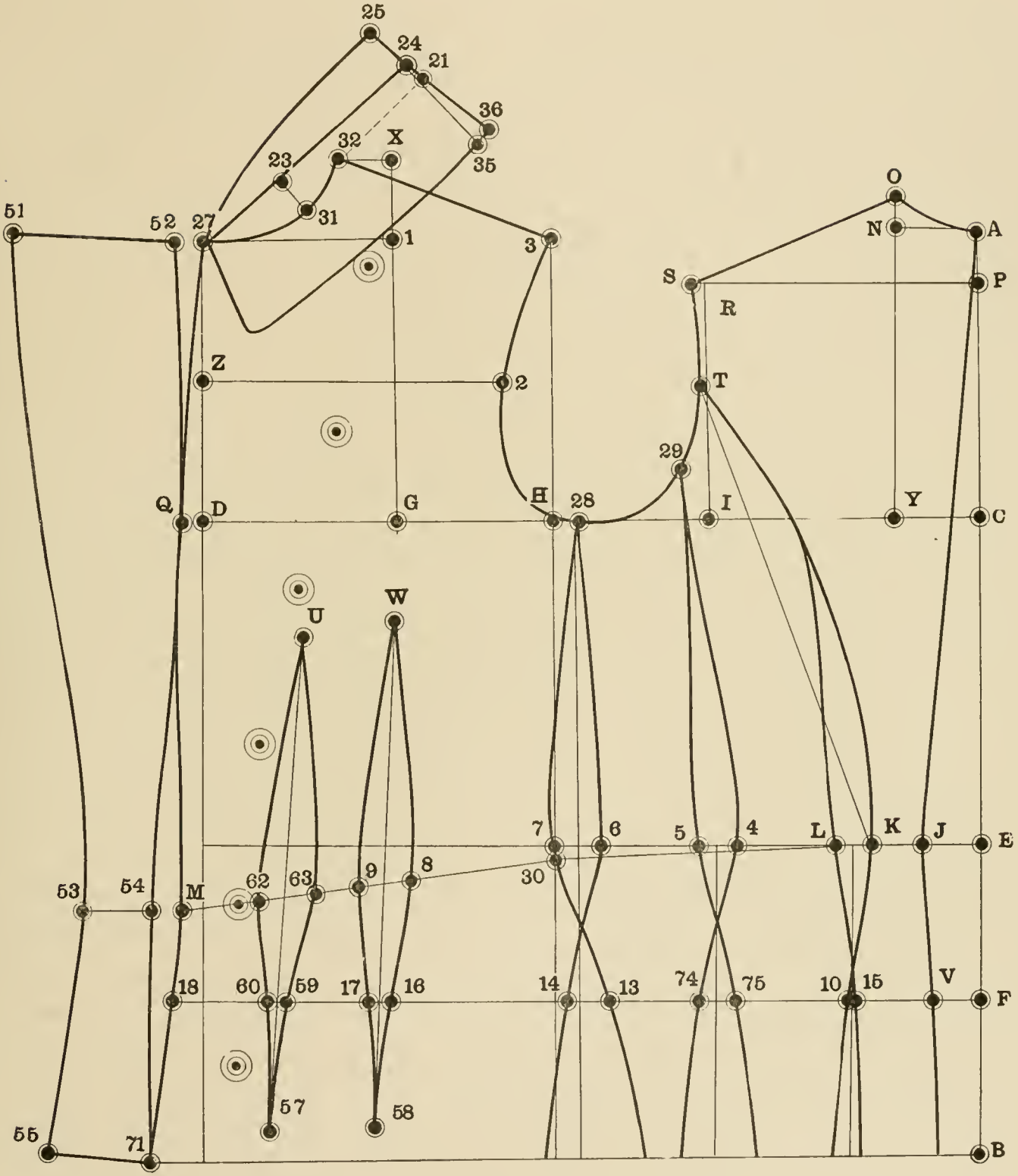

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V
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DIAGRAM 9

TIGHT FITTING BACK LOOSE FRONT FRENCH SEAMS.

DIAGRAM 10

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights, Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
		Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First, Second and Third Lessons, with the exception of French seams.
Back shoulder O to T is 3 inches.
T to S is 2¾ inches.
At back bust line C to U is 3¾ inches.
Shape the back and side gore as diagram shows.
At front shoulder 32 to 22 is 3 inches, the same as back shoulder O to T.
22 to 20 is 2 inches.
These 2 inches we add on point 3, which gives us point 19.
20 to 19 is 2¾ inches, the same as back shoulder T to S.
Reshape armscye from 28 through H to 19.
On front bust line D to W is 3¾ inches.
Shape the front as diagram shows.
To make garment double breasted measure from the front line Q 18, 2 inches to 26, 71 and draw line.
For buttons measure the same distance back from front line Q 18 and mark buttons as diagram shows.
To obtain shawl collar and lapel, measure from the deepest point of neck 31 to 23, 1 inch.
Draw a line from the botom of lapel at 26 through 23, 24.
32 to 21 is 2¾ inches, ¼ inch more than back neck measure A O.
Square over on line 24, 26, 1¼ inches to 25 standing band and over to 35.
35 to 36 is ½ inch for spring.
Shape back line of collar from 25, 24, 21 to 36.
Shape collar and lapel as diagram shows.
Place separate piece of paper under collar and traced out according to shape of collar.
To trace out lapel break on line 26, 24, turn paper under and trace out the shape of lapel, which will be reversed on opposite side.
Cut out the two front gores, lay pattern together on point W at bust line and meet the two points on shoulder 22 and 20.
At neck point 32 raise ¼ inch and point 3 remains the same.
Draw new shoulder line from 32 through 3 to 40.

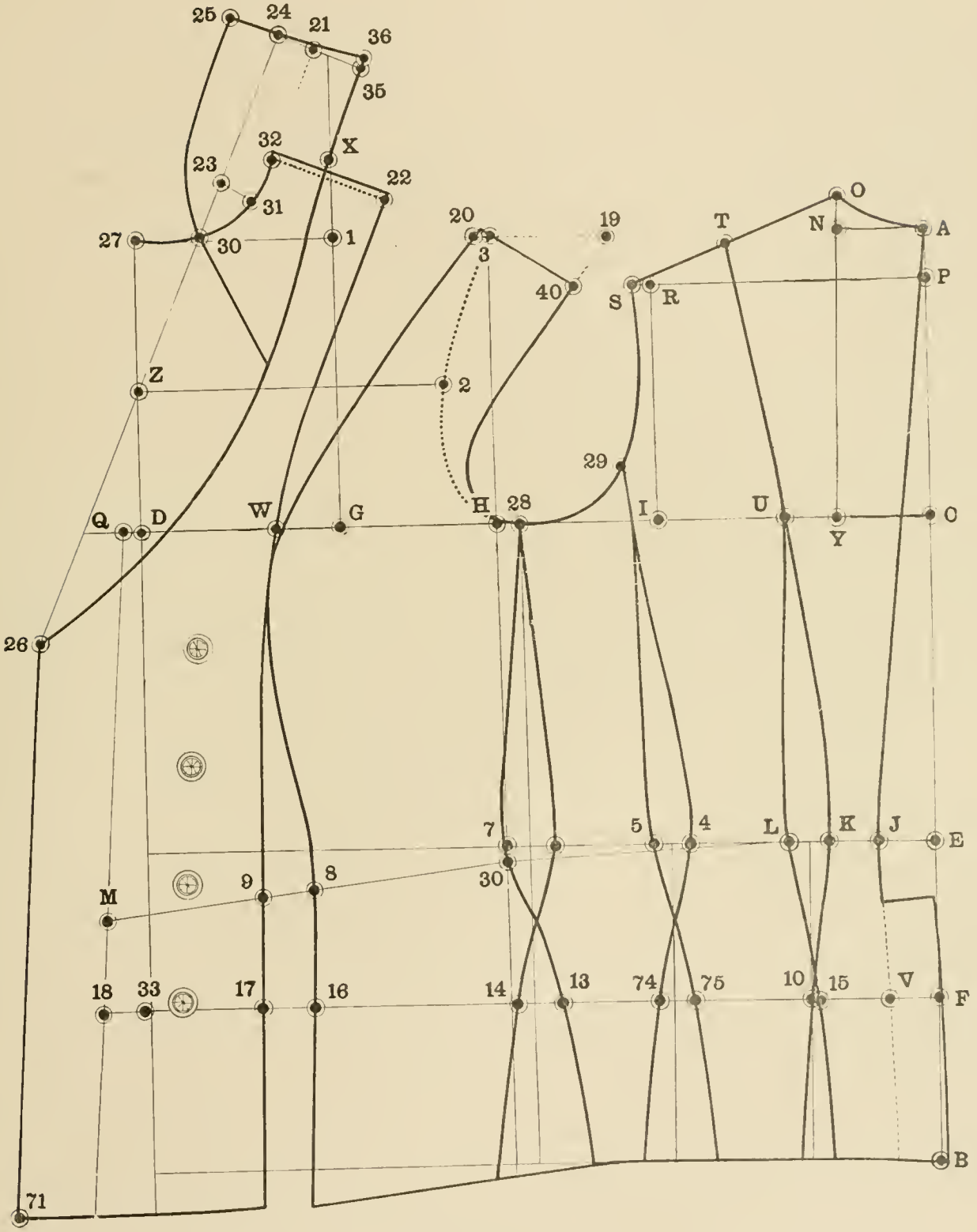

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74
75
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V
F
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71

Diagram 10

TIGHT FITTED JACKET FRENCH SEAMS.

DIAGRAM 11

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First, Second and Third Lessons with the exception of front and French seams.
Back shoulder O to T is 3 inches.
T to S, 2¾ inches.
On bust line C to U is 3¾ inches.
At hip measure from F to V, 1¼ inches.
Take the center of L K square down, where line crosses on hip, measure ⅜ inch to 15, ¼ inch to 10.
Take the center of 4, 5, square down where line crosses on hip, measure ½ inch to 75, ⅜ inch to 74.
Take the center of 6, 7, square up to 28 and down where line crosses on hip, measure ¾ inch to 13 and ⅜ inch to 14.
Measure hip from V to 10, 15 to 74, 75 to 14, 13 to 18, which is 20½ inches ½ of hip measure plus 2 inches. These 2 inches are taken out at the front dart at hip, between 16 and 17.
28 to 30 is 8½ inches underarm measure.
Draw new waist line from L to 30, shape back as diagram shows.
Measure back neck A O, which is 2½ inches, place these 2½ inches on front neck at point 32, measure to 27, which is 15 inches neck measure.
27 to Q is 7¼ inches, the highest point of chest.
27 to M is 17½ inches, length waist in front.
Draw front line from M through Q to 27 and down from M to 18 slightly shaped to 71.
Draw new waist line from 30 to M.
Place the 6¼ inches, which is ¼ of waist measure, in back on point 30, measure over 12½ inches, which is ½ of waist measure plus ½ inch, which gives us point 9.
9 to M is 2½ inches.
These 2½ inches more than the natural waist measure are taken out in front dart between 9 and 8.
At front shoulder, 32 to 22 is 3 inches, the same as back shoulder O to T.
22 to 20 is 2 inches taken out. These 2 inches we add on point 3, which gives us point 19.
20 to 19 is 2¾ inches, the same as back shoulder T S.
Reshape armscye from 28 through H to 19.
At front bust line Q to W is 3¾ inches.
Shape the front as diagram shows.
To make garment double breasted, measure from M at the waist line 1 inch to 54.
At neck 27 to 52 is 1 inch.
Draw opposite line from 71 through 54 Q to 52.
52 to 51 is 4 inches.
71 to 55 is 2½ inches.
54 to 53 is 1½ inches.
Shape the front as diagram shows.
Cut out the two front gores, lay pattern together at point W at bust line, and meet the two points on shoulder 22 and 20.
At neck point 32 is raised ¼ inch.
Point 3 remains the same.
Draw new shoulder line from 32 through 3 to 40.

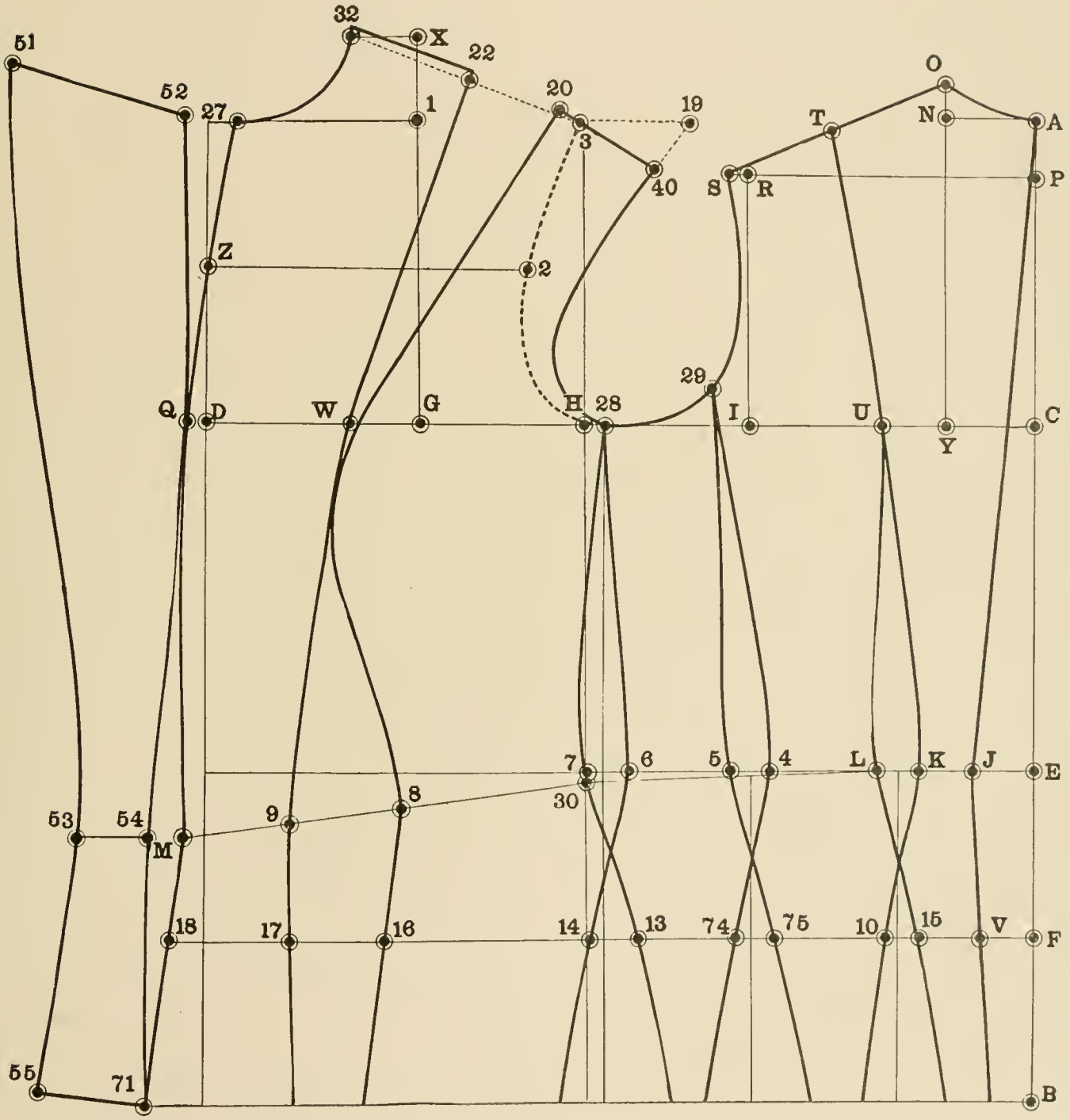

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Diagram 11

REGULAR COAT SLEEVE.

DIAGRAM 12

MEASURES.

Bust	38 inches	To Elbow	19½ inches
Half of Back	7 inches	Full Length	29½ inches

INSTRUCTIONS.

Draw line A—B. A to M is ½ of back measure, 7 inches. A to L is 19½ inches to elbow.

A to B is full length, 29½ inches. M to D is ⅛ of bust less 1 inch, 3½ inches.

Square over all given points. M to S is ¼ of bust, 9 inches. Square down S to H. This completes box for sleeve. N is the center of M—S. Square N to O, 2½ inches. M to I is 1 inch. L to C is ½ inch. Q to P is ½ inch. T to R is 1 inch. R to U is ⅛ of bust plus ½ inch, 5 inches.

K is the center of B—H. Square down ½ inch to J.

H to G is 1 inch. Draw line from G through J to E. J to V is 3½ inches. G to E is 6½ inches.

Shape undersleeve from G—R—Q—N—U to V.

Top sleeve from G—R—P—O—I—C—E. This completes coat sleeve.

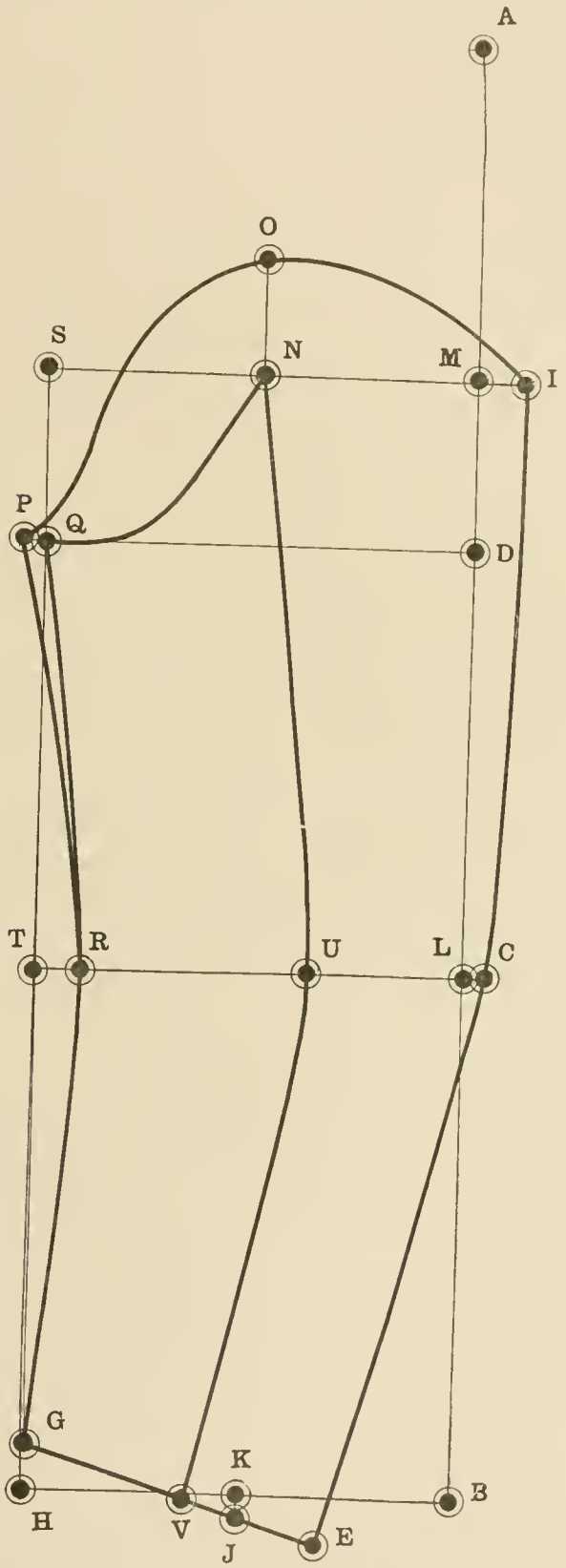


DIAGRAM 12

HOW TO MAKE SLEEVE WIDER AT TOP.

DIAGRAM 13

INSTRUCTIONS.

A regular sleeve is 1 inch from M to I, in this case is 3½ inches.

At elbow 1½ inches C to C.

At top, N to O is 1½ inches, in this case 3 inches.

Shape as shown.

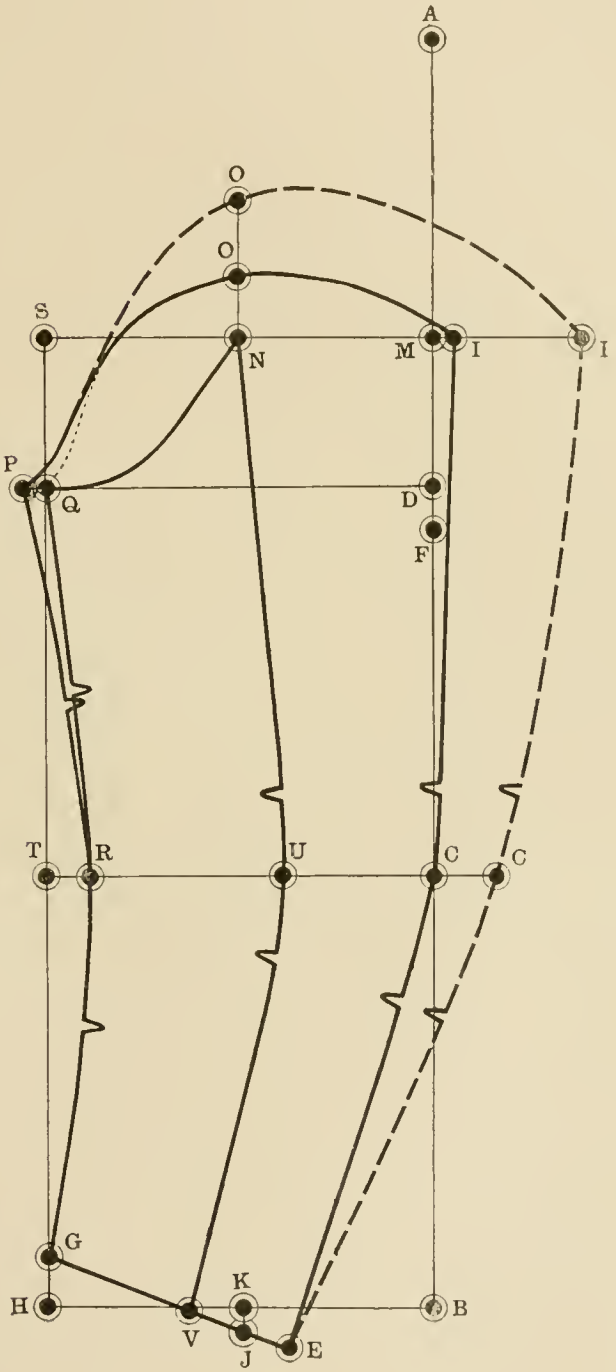


Diagram 13

HOW TO MAKE REGULAR SLEEVE SHORTER OR LONGER

DIAGRAM 14

INSTRUCTIONS.

Keep elbow in same place. The dotted line is the original sleeve. This sleeve is 2 inches shorter, 1 inch at top and bottom.

At top, A to E is 1 inch.

C to G is 1 inch.

At bottom, D to H is 1 inch, B to F is 1 inch.

At undersleeve, I to M is 1 inch, K to O is 1 inch.

L to P is 1 inch, J to N is 1 inch.

The heavy line is the correct length.

To make sleeve longer, the same way, add 1 inch on top and 1 inch at bottom.

For regular sleeve follow same instructions as given in diagram 12, page 28.

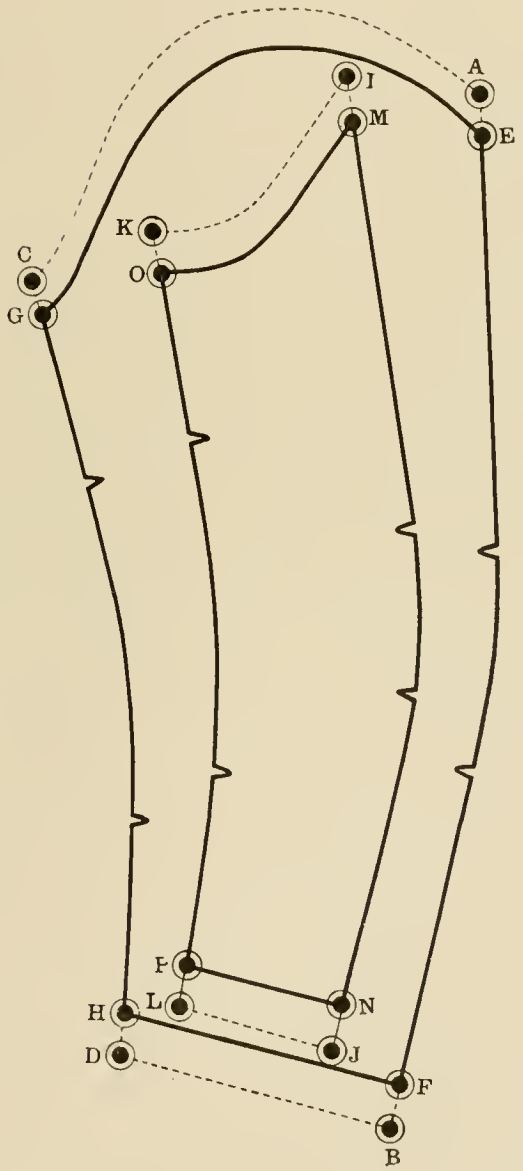


Diagram 14

BISHOP SLEEVE.

DIAGRAM 15

INSTRUCTIONS.

Draw line A—B. A to J is 4½ inches, ⅛ of bust measure. J to D is ¼ of bust measure, 9 inches. D to B is ¼ of bust measure, 9 inches. Square over all given points.

A to E is 16 inches, 2 inches less than ½ of bust measure. Square down E to K.

This completes box for sleeve.

Take center of K—B, which gives us point T. Square down T to M 3 inches. D to Q and P to G is ½ inch; X to P and J to C is 1 inch; O is ½ the distance of A—E.

Square up O to N 1 inch. A to F is 2¼ inches; E to I is 3½ inches.

Shape sleeve as shown.

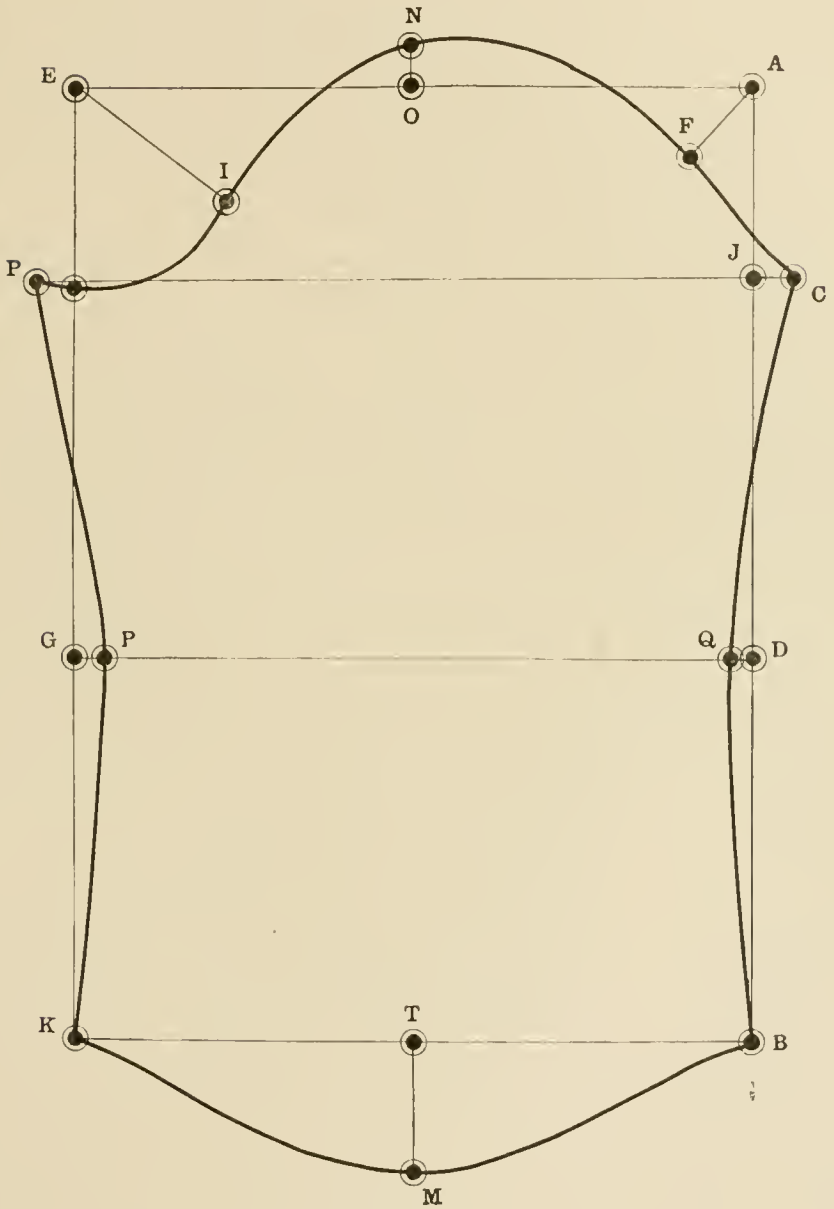


DIAGRAM 15

SEMI-FITTING WITH UNDER GORE.

DIAGRAM 16

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First and Second Lessons, with the exception of the back.

At waist line E to J is ½ inch.

At hip F to V ¼ inch.

Draw center back line from A through J V to 79. This garment is cut with a center back seam.

At back shoulder R to T is 4½ inches.

At waist line from J to 7 is 10 inches.

Measure from 7 to 6, 1 inch.

Take the center of J 6, and from this point measure ⅜ of an inch to K and ⅜ of an inch to L.

Where line crosses on hip, measure ¼ of an inch to 10, and ½ of an inch to 15.

Take the center of 6 and 7, square up to 28 and down, and where line crosses on hip measure ¾ to 13 and ⅜ to 14.

28 to 30 is 8½ inches length of underarm.

Draw new waist line 30 to L.

Shape the back gores as diagram shows.

To draft front, collar and lapel, follow instructions given in diagram 19, page 42.

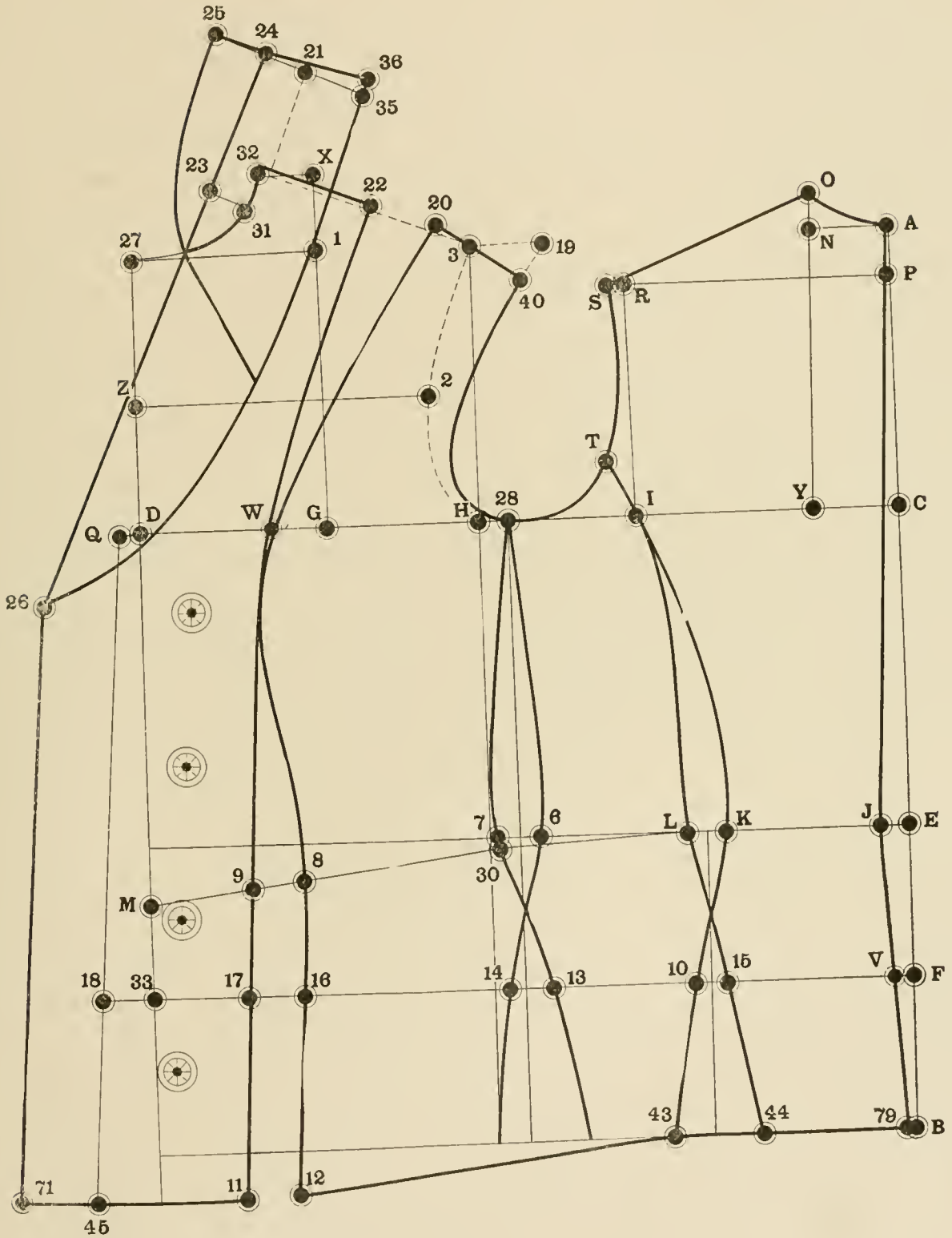

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Diagram 16

SEMI-FITTING COAT WITH SEAMS AT SIDE AND SAILOR COLLAR.

DIAGRAM 17

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow instructions as given in First and Second Lessons.

At waist E to J is ½ inch.

Draw center back line from A to J through V to length of coat.

At back shoulder, R to T is 4½ inches.

At waist, J to 7 is 10 inches.

From 7 to 6 is 1 inch.

Take the center of 6, 7, square up to 28 and down where line crosses on hip, measure ¾ of inch to 13 and ⅜ of inch to 14.

At waist line take the center from J to 6, and from this point measure ⅜ of an inch to K and ⅜ of an inch to L. Square down from this point where line crosses on hip, measure ¼ of an inch to 10 and ½ of an inch to 15.

28 to 30 is 8½ inches length of underarm.

Draw new waist line from L to 30.

For entire front follow same instructions as given in the semi-fitting coat, with the exception of shaping the seam to armhole.

Shape seam to armhole instead of shoulder.

Take out ½ inch at armhole. Shape as diagram shows.

To draft front, sailor collar and lapel follow same instructions as given in the semi-fitting coat with shawl collar.

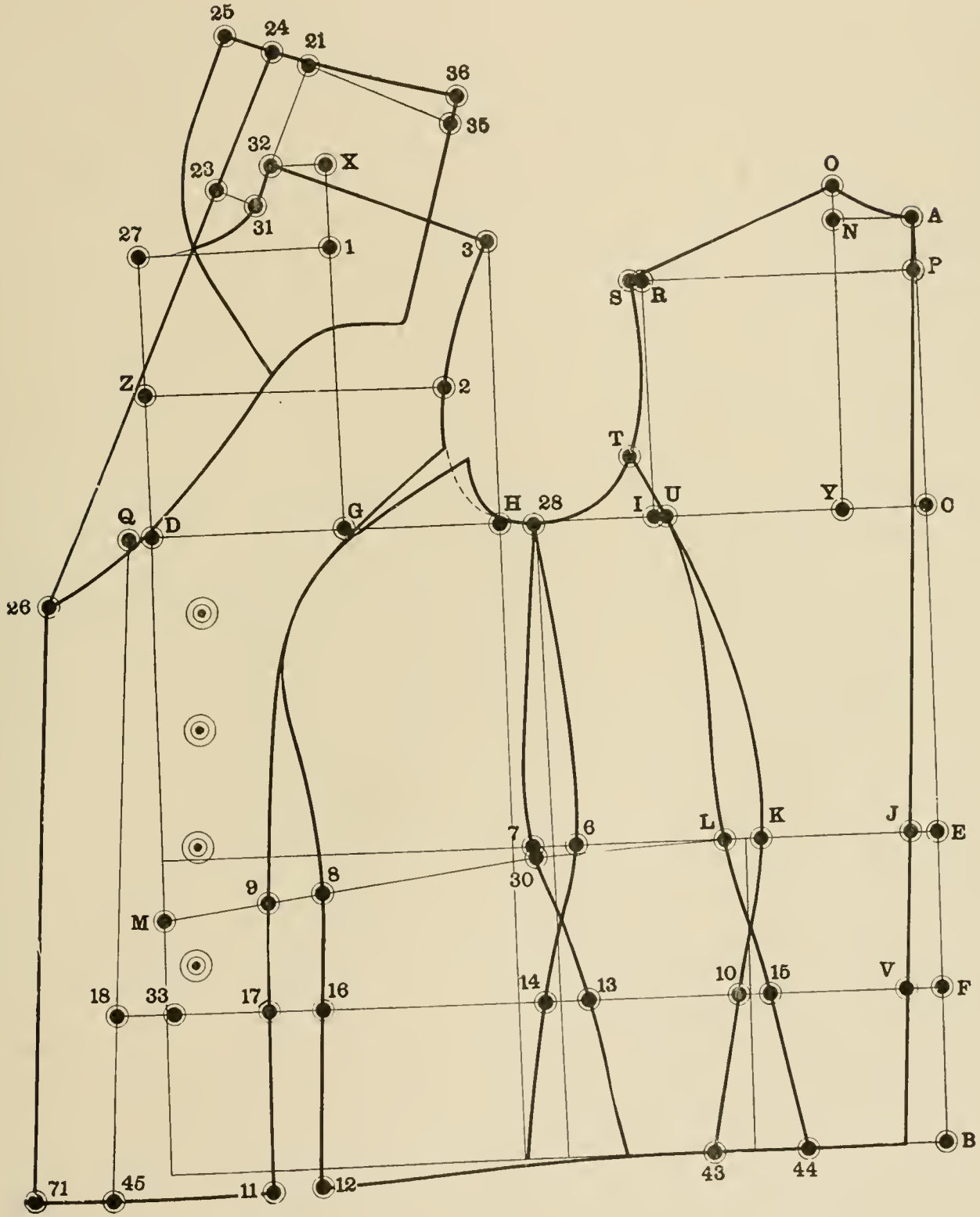

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Diagram 17

LOOSE SEMI-FITTING COAT.

DIAGRAM 18

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.

At waist line E to J ½ inch.

Draw center back line from A through J V to length of coat.

At back shoulder O to T is 3 inches.

T to S 2¾ inches.

On back bust line Y to U is 2 inches.

At back waist line J to K is 3¾ inches.

K to L is ½ inch.

L to 6 is 5 inches.

6 to 7 is ¾ of an inch.

Take the center of L K, square down where line crosses on hip, measure ¼ inch to 10 and ½ inch to 15.

Take the center of 6 and 7, square up to 28 and down where line crosses on hip, measure ¾ of an inch to 13 and ⅜ inch to 14.

28 to 30 is 8½ inches underarm measure.

Draw new waist line L to 30.

Shape the two back gores as diagram shows.

For the front, lapel and collar follow the same instructions as given in the semi-fitting coat with shawl collar.

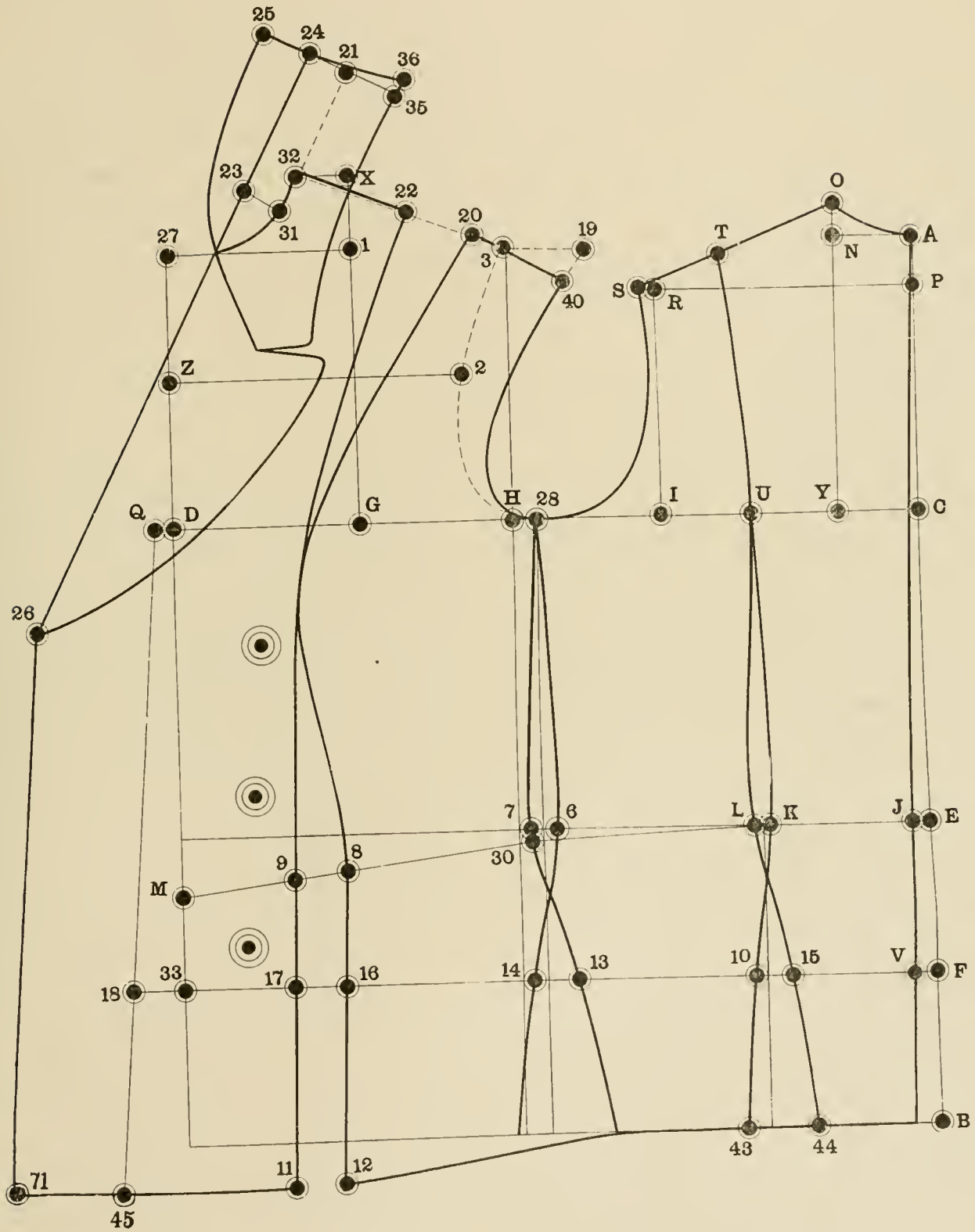

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Diagram 18

SEMI-FITTING COAT WITH SHAWL COLLAR.

DIAGRAM 19

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First and Second Lessons.
At waist line E to J is ½ inch.
Draw center back line from A through J V to length of coat.
The back shoulder, O to T, is 3 inches.
T to S is 2¾ inches.
On back bust line Y to U is 2 inches.
Measure at back waist line from J to K 2¾ inches.
K to L, ¾ of an inch.
L to 6 is 5 inches.
6 to 7 is 1 inch.
J, K and L 6 is 7¾ inches, 1½ inches more than ¼ of the natural waist measure.
Take the center of L K, square down where line crosses on hip, measure ¼ inch to 10, ½ inch to 15.
Take the center of 6 and 7, square up to 28 and down where line crosses on hip, measure ¾ of an inch to 13 and ⅜ of an inch to 14.
28 to 30 is 8½ inches underarm measure.
Draw new waist line from L to 30.
Shape the two back gores as diagram shows.
Measure hip from V to 10, 15 to 14, 13 to 33, which is 20½ inches, ½ of hip measure, 33 to 18 is 1½ inches. These 1½ inches are taken out between the dart on hip line, 16 and 17.
Measure back neck, A O, which is 2½ inches. Place these 2½ inches on point 32 on front neck, and measure to 27, 15 inches neck measure.
Draw front line from Q through 18 to 45.
27 to Q is 7¼ inches, the highest point of chest.
27 to M is 17½ inches, length front of waist.
Draw new waist line from 30 to M.
At front shoulder, 32 to 22 is 3 inches, the same as back shoulder, O T.
From Q on front bust line measure 3¾ inches to W.
At waist line, M to 9 is 3 inches.
9 to 8 is 1½ inches.
At hip, 18 to 17 is 4 inches, and 17 to 16 is 1½ inches.
22 to 20 at shoulder is 2 inches taken out. These 2 inches we add on 3, which gives us point 19.
Reshape armscye from 28 through H to 19.
Shape the two front gores as diagram shows.
To make garment double breasted measure from front line Q 18, 2 inches to 26, 71 and draw line.
For buttons measure the same distance back from front line Q 18 and mark buttons as diagram shows.
To obtain collar and lapel measure from the deepest point of neck.
31 to 23 is 1 inch.
Draw a line from the bottom of lapel at 26 through 23 to 24.
32 to 21 is 2¾ inches, ¼ inch more than the back neck measure, A O.
Square over on line 24, 26—1¼ inches, to 25 for standing band, and over to 35. Any desired width of collar.
35 to 36 is ½ inch allowed for spring.
Shape back of collar from 25, 24, 21 to 36.
Shape the collar and lapel as diagram shows.
Place a separate piece of paper under collar and trace out collar according to shape.
To trace lapel break on line 26, 24, turn paper under and trace out the shape of lapel, which will be reversed on the opposite side.
How to cut out the two front gores.
Lay pattern together at point W at bust line and meet the points on shoulder 22 and 20.
At point 32 on neck raise ¼ inch.
Point 3 remains the same.
Draw new shoulder line from 32 through 3 to 40.

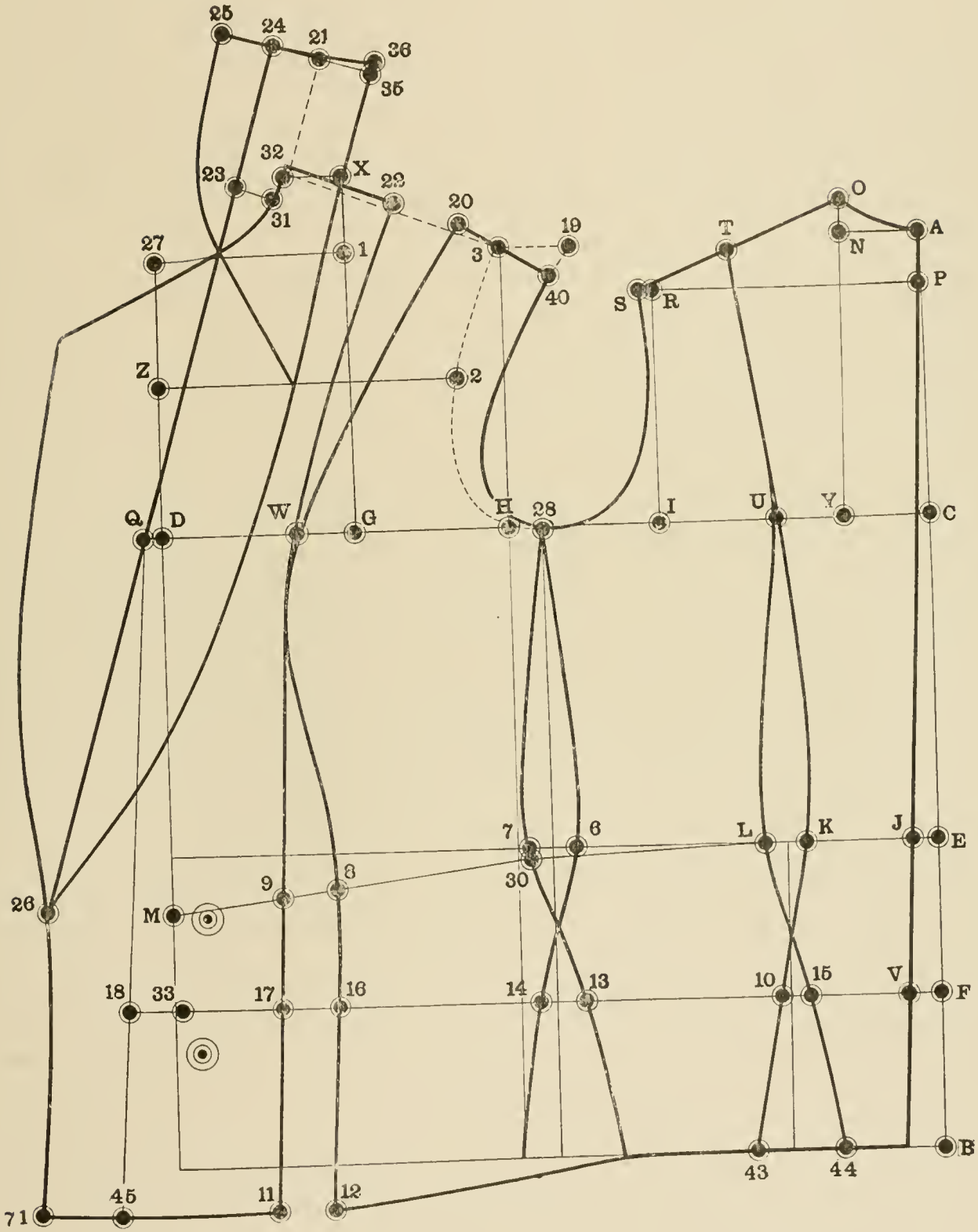

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Diagram 19

SEVEN EIGHTH FITTING COAT FOR CORPULENT FIGURE

DIAGRAM 20

MEASURES.

Bust	52	inches	Underarm	8	inches
Waist	39	inches	Across Back	17	inches
Hip	52	inches	Shoulder Height Front	11 – 9	inches
Across Chest	18	inches	Shoulder Height Back	9½ – 7	inches
Neck	18	inches	Neck Height to Waist	8½–17	inches
Length Front of Waist	8½—17	inches	Length of Shoulder	6¼	inches

INSTRUCTIONS.

Draw line A, B. A to C is 8½ inches. A to E 17½ inches, length waist in back.
E to F is 4 inches the first hip. F to B is 4 inches the second hip.
Square over points C, E, F and B on line A, B.
C to D is ½ of bust measure plus 1 inch in this case 27 inches. This 1 inch we allowed is lost in cutting out the pattern.
D to Q is ½ inch allowed for breathing.
D to G is ¼ of bust measure, in this case 6¾ inches.
G to H is ⅛ of bust measure plus 1½ inches, in this case 4⅞ inches.
C to Y in a regular 36 size is 2¼ inches; we allow ⅛ more for each size in this case, which is 3¼ inches.
C to I is 8½ inches, ½ of back measure.
Square points D and H up and down and square up points G, I, Y on line C, D.
At back, C to P is 7 inches, second shoulder height back.
Y to O is 9½ inches, first shoulder height back.
Square over A and P on line A, B.
In squaring over P point R is found crossing line I.
R to S is 1 inch, in this case according to the length of the shoulder.
Draft back neck, A O, and draw back shoulder, O to S.
At front, H to 3 is 9 inches, second shoulder height front.
G to X is 11 inches, the first shoulder height front.
X to 32 in a regular 36 size is 1½ inches. We allowed ⅛ more for each size, in this case it is 2½ inches.
X to I in a regular 36 size is 2 inches. We allowed 1/16 of an inch more for each size, in this case it is 2½ inches.
Square point 1 to 27 and draw a line.
Draft front neck curve from 32 to 27 and draw front shoulder from 32 to 27, 6¼ inches, the same as back shoulder, O S.
Z to 2 is 9½ inches, ½ of chest measure. Draw arm scye from S through H, 2 to 7.
At back shoulder O to T is 3¼ inches. T to 29 is ½ inch taken out. This ½ inch we add on point S, 29 to S is 3 inches. We take out this ½ inch between T and 29 when the figure is round across the back. On back bust line, Y to U is 2 inches.
At waist line E to J is ¾ inch. J to 4 is 14¾ inches; in this case we only need 11¼ inches, which is ¼ of the waist measure plus 1½ inches. The other 2¼ inches are taken out between the darts 30 and 38, L and K.
J to K is 4 inches. K to L is 1 inch. L to 38 is 7¼ inches. 38 to 30 is 1¼ inches.
30 to 37 is 1½ inches. In this case, in order to place the seam direct under the arm so the two side gores will be equal.
J, K and L 38 is 11¼ inches, which is 1½ inches more than ¼ of the natural waist measure which we allow in all ⅞ fitting coats.
Take the center of L, K; square down, where line crosses on hip measure, ¾ inch to 15 and ¼ of an inch to 10.
Take the center of 6 and 7; square down, where line crosses on hip measure, 1¼ inches to 13 and ½ inch to 14
From the center line of L, K at bottom measure 6 inches to 44 and 4 inches to 43.
From center line of 6 and 7 at bottom measure 4 inches to 80 and 6¾ inches to 81, 28 to 30 is 8 inches length of underarm.
Draw a new waist line from L to 30 and shape the two back gores as diagram shows.
Measure hip from V to 10; 15 to 14; 13 to 33, which is 26 inches, ½ of hip measure. 33 to 18 is 3 inches. These 3 inches less ½ inch are taken out between the front dart at hip line 16, 17.
This ½ inch less we leave in on all stout figures.
Draw front line from Q through 18 to 45.
At neck, from 27 to Q is 8½ inches, the highest point of chest.
27 to M is 16 inches, length waist in front.
Draw new waist line from 30 to M.
At front shoulder, 32 to 22 is 3¼ inches, the same as back shoulder, O, T.
22 to 20 is 3 inches taken out in this case when the figure has a high chest.
These 3 inches we allow on point 27 which gives us point 40.
Shape arm scye from S through 28 to 40. At bust line D to W is 4 inches.
At waist line M to 9 is 3¾ inches. 9 to 8 is 2 inches.
At hip line 18 to 17 is 4¾ inches. 17 to 16 is 2½ inches.
Shape the two front gores as diagram shows.
For double-breasted, collar and lapel, also how to lay pattern together and cut out, follow the same instructions given in diagram 19, page 42.

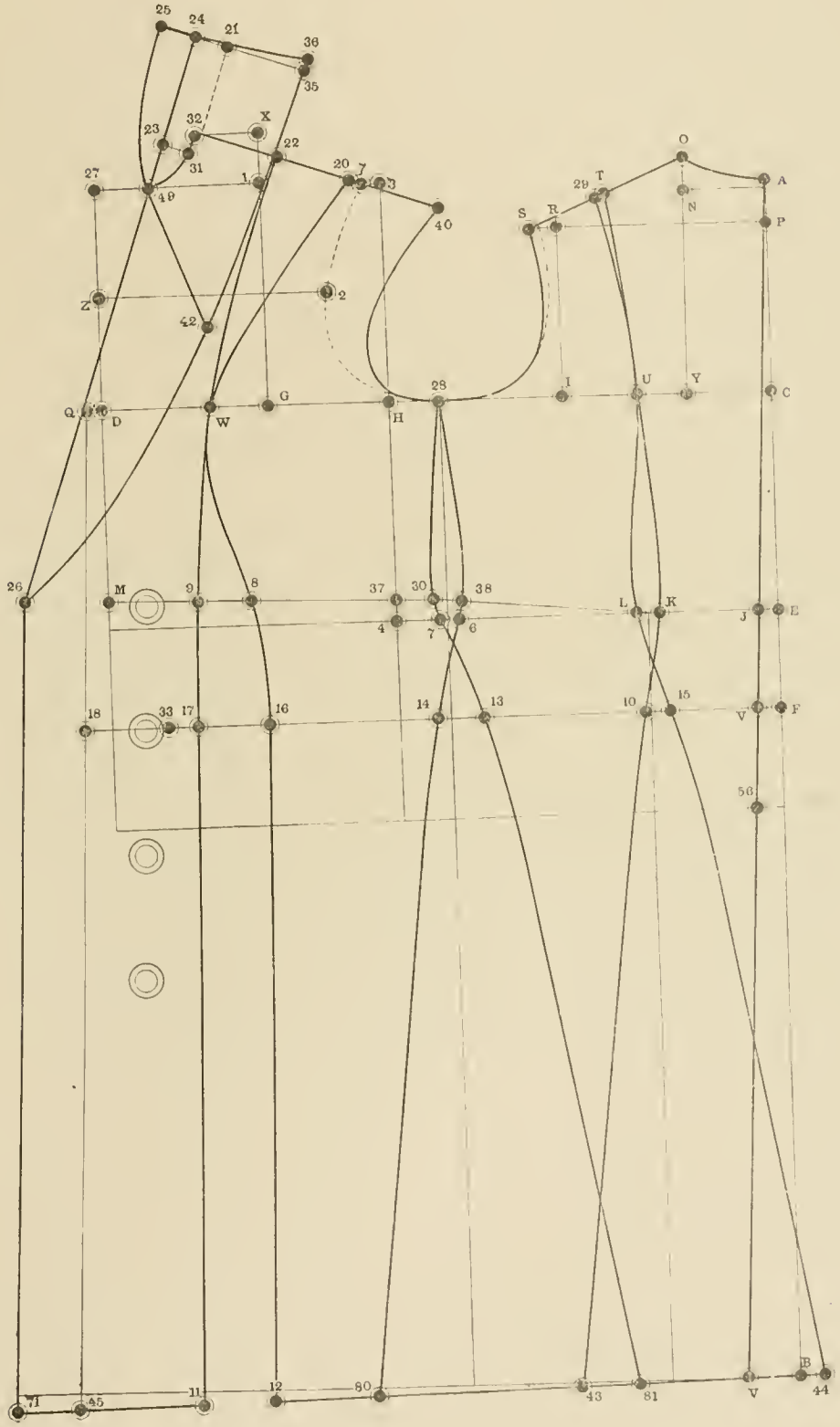

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DIAGRAM 20

HIPLESS COAT

DIAGRAM 21

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions for box, as semi-fitting coat Diagram 19. Our natural waist line is E to 52. Go up 2½ inches, which is point W. W to J is ½ inch; J to K is 3¼ inches; K to L is ¾ inch; L to 10 is 5½ inches; 10 to 12 is 1 inch; 30 is half of L to K. Square down to 14. 11 is half of 10 to 12; square up to 9 and down to 18.

On line 30—14 come out on hip ¼ to 41, ½ to V; on line 9—18 come out on hip ⅜ to 17; ¾ to 13 and shape gores as shown in diagram.

Length front of waist from U to 4 is 15 inches; draw waist line 4 to 12 and take out between 3 and 2, 1 inch; complete coat according to diagram. For double breasted collar, and lapel follow same instructions as given in diagram 19, page 42.

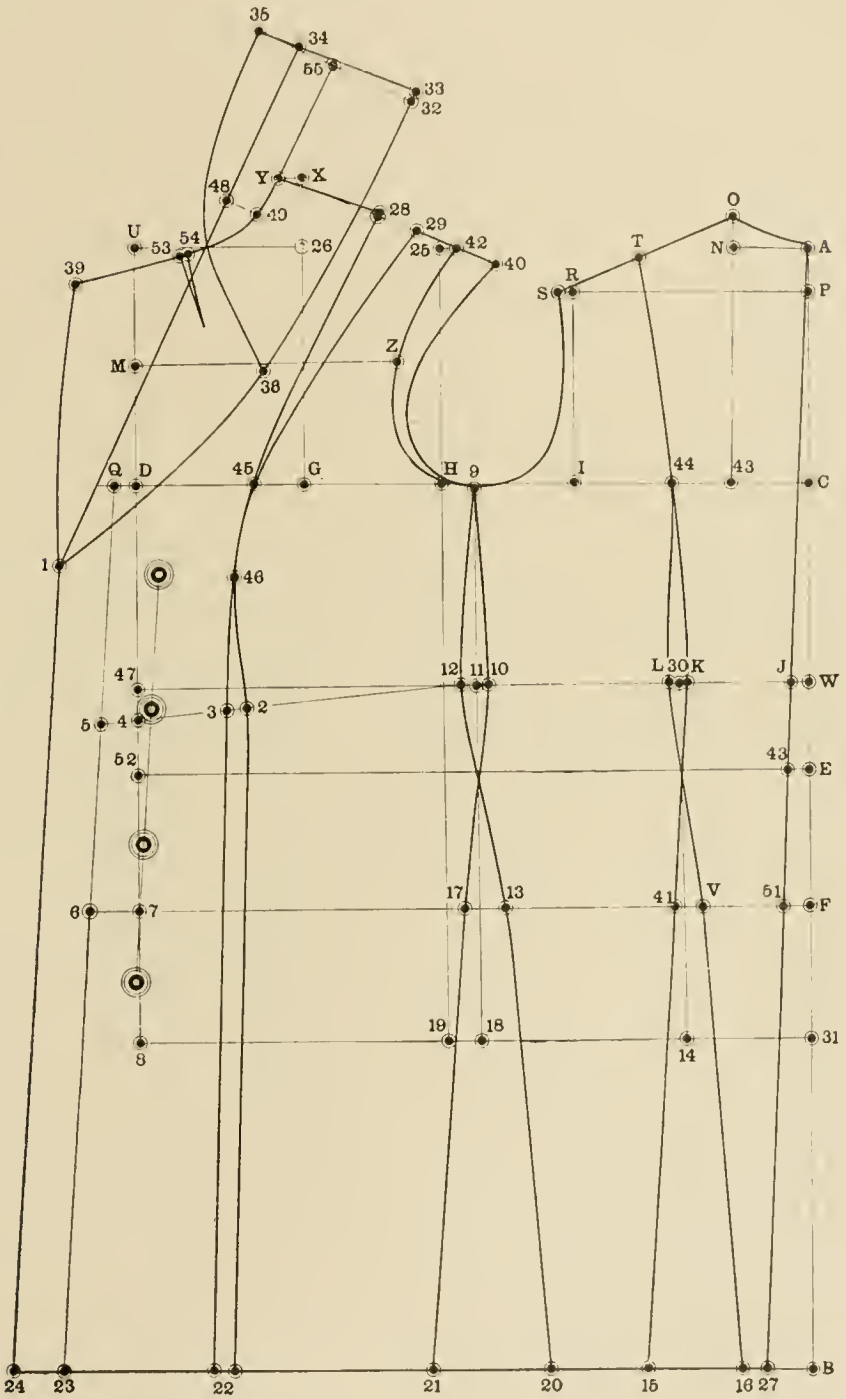

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DIAGRAM 21

LOOSE STRAIGHT LINE COAT.

DIAGRAM 22

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights, Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front Waist	7¼—17½ inches	Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.

From V at waist line measure up 1½ inches to E and square over.

From E to J measure ½ inch.

J to K is 5 inches.

K to L is ½ inch.

L to 6 is 3¾ inches.

6 to 7 is ½ inch.

Take the center of L K and square down, and where line crosses on hip measure ¼ inch to 10, and ½ inch to 15.

Take the center of 6 and 7, square up to 28 and down where line crosses on hip.

Measure ¾ of inch to 13, ⅜ of inch to 14.

28 to 30 is 7 inches underarm measure.

Shape the two back gores as diagram shows.

Follow same instructions for the front as given in semi-fitting coat, with the exception of the length in front, which is 16 inches.

This coat is cut without a lap.

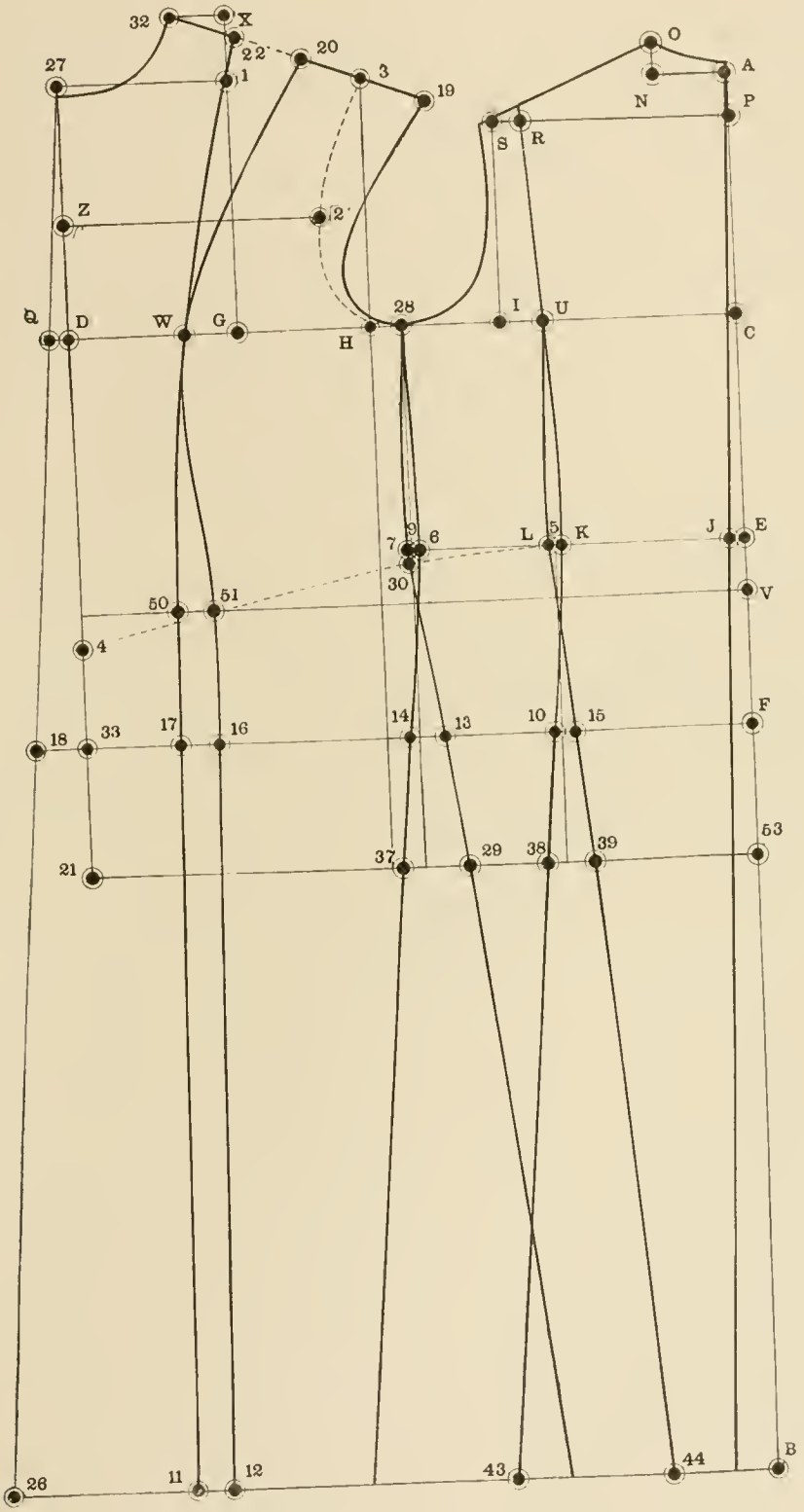

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DIAGRAM 22

MONTE CARLO BOX COAT.

DIAGRAM 23

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	10¼— 8¼ inches
Across Chest	15½ inches	Shoulder Height Back	8½— 6¼ inches
Neck	15 inches	Neck Height and to Waist	7½—15½ inches
		Length of Shoulder	5¾ inches

INSTRUCTIONS.

It is necessary after the regular shoulder heights are taken to allow an extra ¾ inch on front shoulder, ⅜ inch on back shoulder.

Follow same instructions as given in First and Second Lessons.

Length of coat, 52 inches.

At waist line from 19 to L is ½ inch. Draw back line from A through L to B.

On bust line from 5 to 22 is 2 inches.

Square point 22, which locates point 4.

For back part on waist line from 4 to 6 is 1 inch.

Draw straight line from 22 through 6 to 13. This completes back.

At front on hip line from 18 to M is 1 inch. Draw front line from 11 through Q—M to full length.

For front part on hip from 4 to 7 is 1 inch.

Draw straight line from 22 through 7 to 10. Connect 10 with 16.

Allow 1½ inches from box line, as shown at bottom.

To place dart at shoulder, measure from Q on bust line, 3¾ inches over, from this point down 1½ inches to W.

At shoulder from 9 to 8 is 2 inches; 8 to 14 is 3 inches taken out. These 3 inches add on point 12, which gives us point 3. Reshape armscye from 5 to 3.

In cutting out the dart place dart together at shoulder, points 8—14.

Square over shoulder, raise shoulder ½ inch to point 9—8—14 to 3.

This coat is cut without a collar or lap.

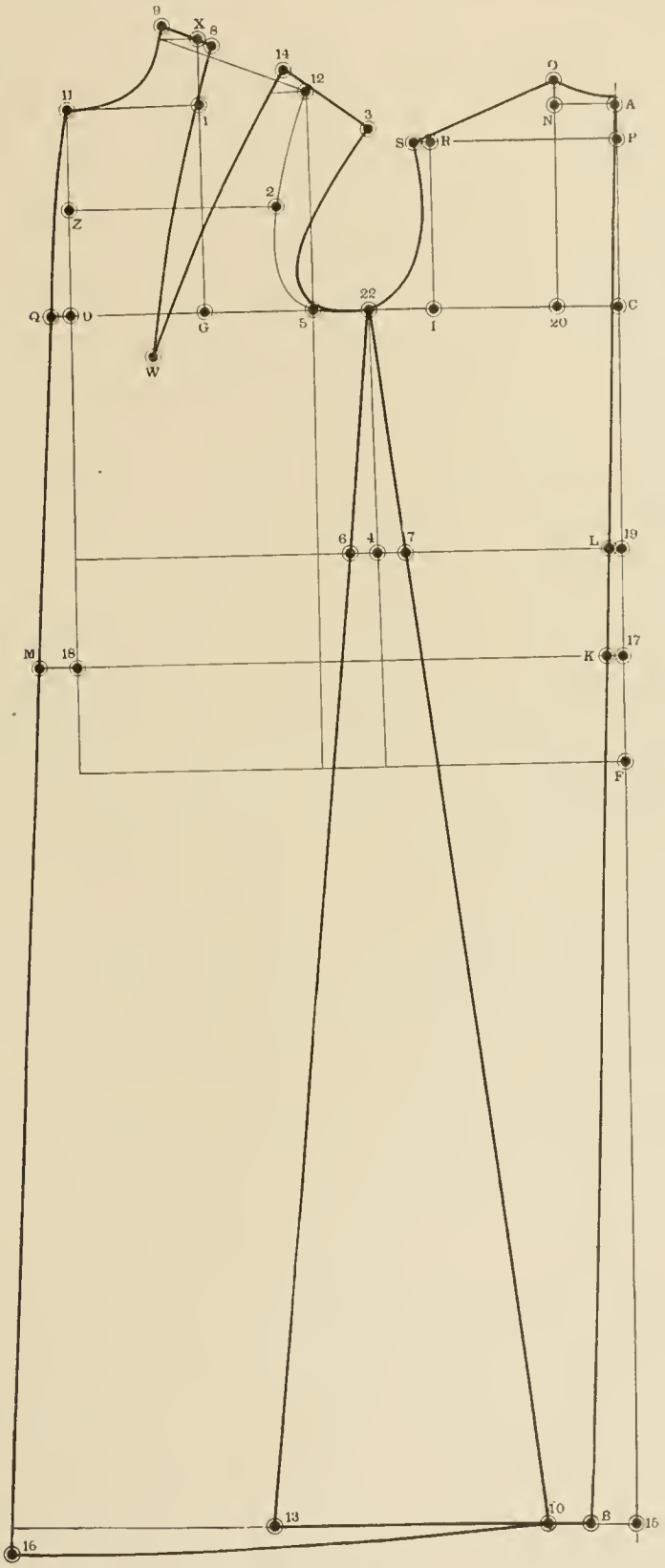


DIAGRAM 23

TWO-PIECE COAT.

DIAGRAM 24

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	14 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions for box, only as semi-fitting coat.

BACK.

1. E to J at waist line is 1 inch, J to K 5 inches and K to L 1 inch; 23 is one-half of K and L; square down to 14 full length of garment; from F to 43 is one-half inch at hip line; 14 to 15 is 1½ inches; 14 to 16 is 5 inches; B to 22 is ¾ inch.

2. Draft back from 22 through 43—J to A and 15 through W—K to T; T is about half the distance on armscye S—H; now draft part of your front from 16 through V; V is ¾ inch from W L to T.

FRONT.

1. Measure underarm 8½ inches from H to 1 and length front waist 17½ inches from U to 8 and draw from 8 to L; take out on line H between 1 and 2, ¾ inch and make dart to 3 about 4 inches below waist line; front dart place directly under bust, taking out about 1 inch from 5 and 6, making point 4 about 3½ inches below bust line and point 7 about 7 inches below waist line.

2. 10 to 9 is 1½ inches; D to Q is ½ inch; now draw front line of jacket from 9 through Q to U and down to 12; place button stand, line 11, 2¾ inches back from front line 12 and double breasted front line 13—20, 3 inches forward and add from 20 to 19 and 18 to 17 1 inch for turning in.

COLLAR.

1. Bring your shawl collar down to about 2 inches above waist line front; draw a straight line up from 20, going in at X about 1 inch, and up to 34 from X, 2¾ inches, which is neck length back O—A; square points 34 to 35, 1¼ inches and to 32, 3 inches; add for spring of collar back, from 32 to 33, ¾ inch.

 Draft under collar from 35 through 37 to 38; draft shawl effect from 20 to 33 as shown; to get spring of collar draw a line 30—36 and make 27 and 31, 1½ inches from 30 and draft curve to 36; break line 34—20 under and trace shawl 20—38—37 to get front shawl 20—39—37.

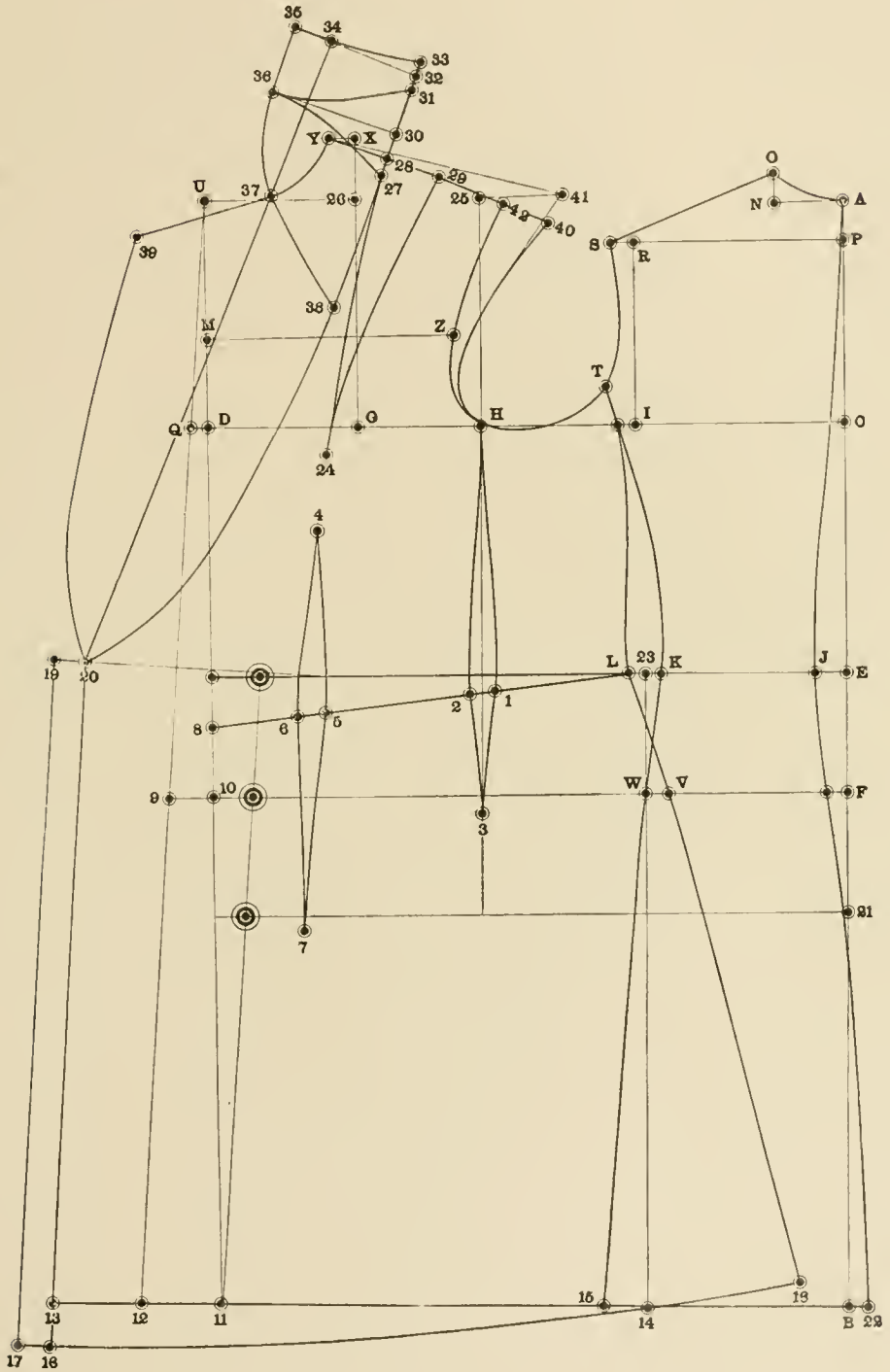

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Diagram 24

LOOSE BOX COAT.

DIAGRAM 25

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	10— 8 inches
Across Chest	15½ inches	Shoulder Height Back	8½— 6¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

It is necessary after the regular shoulder heights are taken to allow an extra ¾ inch on front shoulder; ⅜ inch on back shoulder.

Draw a line A to 15, which is 52 inches. From A to C is 7½ inches, neck height in back.

A to 19 is 15½ inches, length of waist in back.

19 to L is 4 inches, the first hip; L to F is 4 inches, second hip.

Square over on points C 19, L F and 15 on line A 15.

From C to D is ½ of bust measure plus 1½ inches, in this case 20½ inches.

D to Q is ½ inch allowed for breathing. D to G is ¼ of bust, in this case 5⅛ inches.

D to 5 is ⅛ of bust plus 1½ inches, in this case 4 1-16 inches.

C to 20 is 2¼ inches.

This change of ⅛ inch more or less is according to larger or smaller sizes.

C to I is 7 inches, ½ of back measure.

Square points D and 5 up and down on line C D.

Square up points G I and 20 on line C D.

C to P is 6¼ inches, the second shoulder height back.

20 to O is 8½ inches, the first shoulder height back.

Square over A and P on line A 15. In squaring over P point R is found crossing line I.

R to S is ½ inch.

Draft neck A O and draw back shoulder from O to S, which is 5¾ inches.

At front, from 5 to 39 is 8¼ inches, second shoulder height front.

Square point 39. G to X is 10¼ inches, the first shoulder height front.

Square X to 29, 3 inches for this style coat only.

Draw shoulder from 29 to 4, which is 5¾ inches.

Square down X to 1, 2 inches. Square over point 1 to 27.

Draw neck curve from 29 through 27 to 24. From Z to 2 is 7¾ inches, ½ of chest measure. Draw armscye from S—28—5—2 to 4.

Draw front line from 24 through Q M to 40.

This completes the box. At back waist line measure from 19 to 17, ½ inch.

Draw straight line from A through 17, K, 16 to B full length.

At the back shoulder from S measure 4½ inches to 28.

At waist line in back measure from 17 to 8, 6½ inches.

At second hip measure from 16 to 18, 7 inches.

Draw straight line from 7 down through 18 to 13 and up from 7 slightly shaped through 8 to 28. This completes the back part.

For front part at waist line measure from 8 to 9, 2 inches.

Draw a straight line down from 9 to 10 and up from 9 to 28.

To place dart in coat at shoulder measure from Q on the bust line 3¾ inches over, and from this point down measure 1 inch to W.

At top shoulder from 32 to 33 is 2½ inches, from 33 to 14 is 3 inches taken out. These 3 inches are added on the remaining shoulder from 14 to 3.

To place the dart under the arm, measure from 5 to 6, 1 inch, and 6 to 41, 10 inches.

Take the center of 6 and 41 and shape out ⅛ inch each side as shown in diagram.

To make garment double breasted, collar and lapel, follow diagram 19, page 42.

In order to find out how much spring the collar requires, lay the back part of coat shoulder to shoulder on the front part, which is shown in diagram indicated by ditto marks.

Square over from the back line of coat A C. From point C to 36 is 6½ inches plus ½ inch, which is the amount required for spring.

Place the spring in the collar by drawing a line through the center of collar at the top of shoulder from point 30 to 12.

Allow from 12 to 22, 3½ inches, and from 12 to 11, 3½ inches, which gives us the amount of spring required.

Trace out the front part of collar from 30 to 22 to 37 to 30.

Trace the back part of collar from 30 to 11, 36, 21, 34 to 30, which gives us the two parts of collar, as shown in the lower diagram of coat.

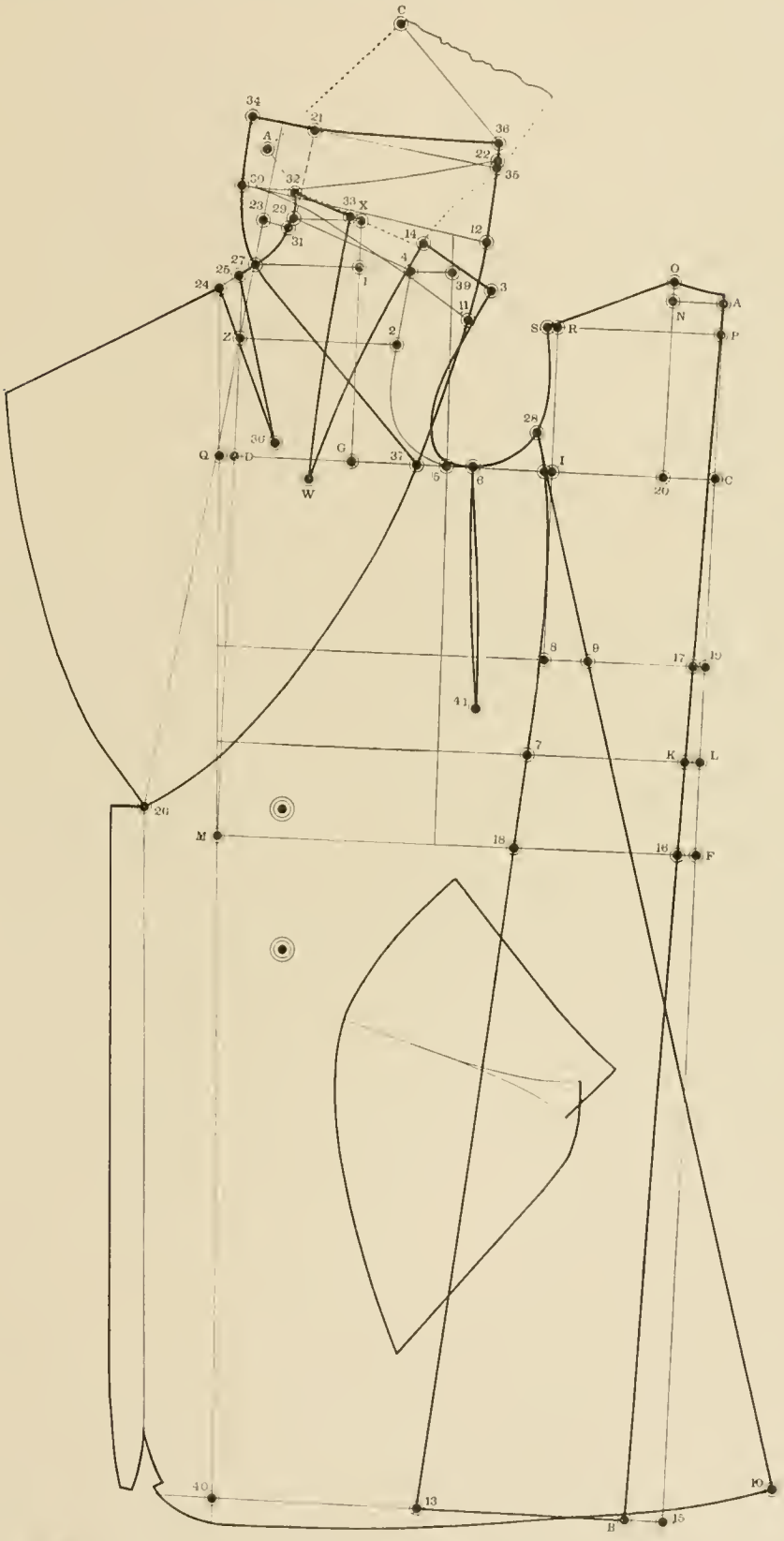

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DIAGRAM 25

ULSTER WITH SEPARATE SKIRT.

DIAGRAM 26

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Length Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Shoulder	5¾ inches

INSTRUCTIONS.

1. Draft the same as tight fitting jacket to first hip, except back, which is straight down to full length of garment, 58 inches, to point 49. The back of this garment is always open and has a plait as shown.

2. Cut jacket through between waist and hip as shown 15—13, or any other shape desired.

3. Skirt: Draw first and second hip lines, a continuation of box as shown. 35 to 41 is hip measure less back, distance 54—V. 36 to 41 is same measure as 15—54. From 36 to 35 is waist curve same as 15 to 13. At fullest part of hip take out a dart in V shape 2 inches 31—32, and make same about 4½ inches deep, which seam is covered with a pocket, as diagram shows.

4. From 35 to 47 is a straight line coming slightly out at bottom. The sweep at bottom is 2¼ times bust measure, making same 42¾ inches. Measure 42¾ inches from 49 to 46; 47 to 50, which is the point given by measure. Connect 36 with 50 and add plait as shown 36—34 and 50—48. 36 to 50 is the length 15 to 46, and after obtaining this point shape sweep from 50 to 47, as diagram shows.

5. Collar: Turn down collar. The rules are same as notch collars, with the exception of shape, which follows as diagram.

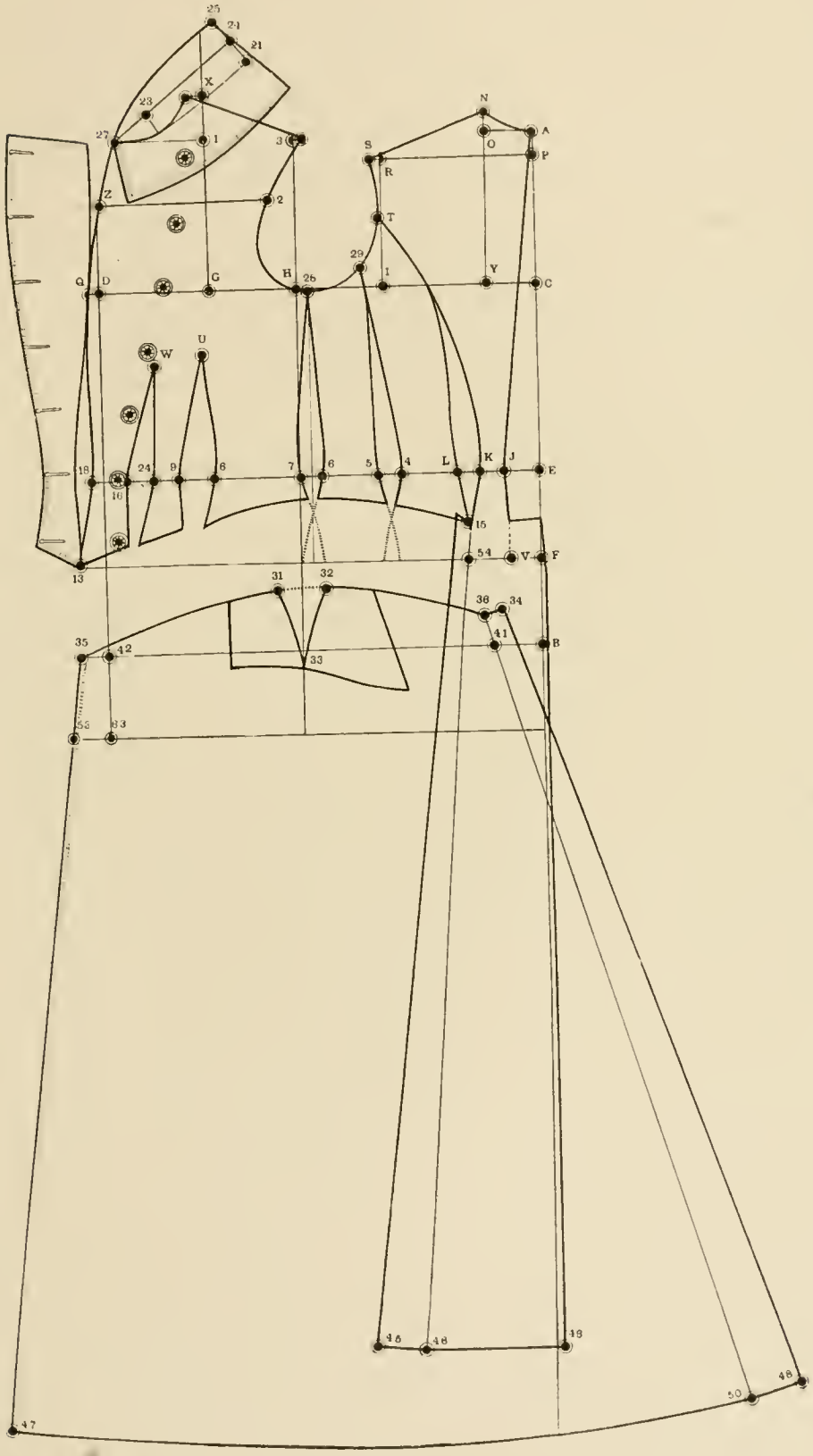

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DIAGRAM 26

LOOSE COAT RAGLAN SLEEVE.

DIAGRAM 27

MEASURES.

Bust	38	inches	Underarm	8½	inches
Waist	25	inches	Across Back	14	inches
Hips	41	inches	Shoulder Height Front	10– 8	inches
Across Chest	15½	inches	Shoulder Height Back	8½– 6¼	inches
Neck	15	inches	Neck Height and to Waist	7¼—15½	inches
Length Front of Waist	7¼—17½	inches	Length of Shoulder	5¾	inches

INSTRUCTIONS.

For coat follow same instructions as given in the loose coat. For raglan, the back part.
Draw a line from O to the side of armhole.
Place the square on that line, and let the right angle rest on S, which produces point 22. 22 to 21 is 1 inch.
Shape the top of shoulder from O, 21 to T. The forepart, H to 7, is 1 inch, 7 to 5 is ⅝ inch.
Draw line from 5 to 18, place the square to that line and let the right angle rest on U, which produces point 24.
24 to 23 is 1½ inches. 18 to 8 is ½ inch. Shape the shoulder from 8, 23 to 5.
From I to T is 2¾ inches, same distance as the back sleeve, D to I.
Place a notch at T and a notch at 5. Measure the distance on the straight line from T to O, which is 8 inches.
Measure the distance from 8 to 5 on the straight line, which is 10½ inches.
Measure the distance from 18 to 3, in this case 5¾ inches, the length of shoulder.
This completes the raglan.

PLAIN SLEEVE AND RAGLAN.

DIAGRAM 28

MEASURES.

Bust	38	inches	Length to Elbow	19½	inches
Half of Back	7	inches	Length to Wrist	29½	inches

INSTRUCTIONS.

Draw a line A B. A to M is 7 inches, ½ of back measure.
A to L is 19½ inches, length to elbow. 8 to B is 29½ inches, the length to wrist.
Square over points M, L and B. M to S is 9½ inches, ¼ of bust measure.
Square S down, , which gives us point 11.
M to D is ⅛ of bust measure less 1 inch, in this case 4¾ inches.
Square over D to point Q. N is one-half the distance between S and M.
M to I is 1 inch. Square over point I to C.
Q to P is ½ inch for top sleeve. T to R is 1 inch.
R to U is ⅛ of bust measure plus ½ inch, in this case 5¼ inches.
H to G is 1 inch. K is the center of H and B.
K to J is ½ inch. Draw line from G through J over.
For undersleeve P to J is 3½ inches, and G to E is 6 inches.
At top of sleeve N to O is 2½ inches. Shape top of sleeve from I, O, P, R, G, E, L to 1.
Shape the undersleeve from Q, R, E, G, V, U, C to Q. This completes the plain coat sleeve.

For raglan sleeve Y to W is the same distance as the top shoulder of coat from 5 to 18—10½ inches.

I to A is ⅜ inch less than the distance from T to O at the back part of raglan. This ⅜ inch is eased over the shoulder in back.
Sweep at point W backward, pivoting at point Y.
Sweep from point A forward, pivoting at point I.
O to 8 is 5¾ inches, length of shoulder. Sweep from point 8 backward and forward, pivoting at point O.
This marks two cross lines, one through X and F. X to 9 is ¼ inch. F to 10 is ¼ inch. This is the ½ inch taken off from 18 to 8 at top shoulder front.
Shape the top of sleeve from O to 10 and O to 9.
Draw a straight line from Y to X and from I to F.
1 to 2 is 1 inch, and shape the sleeve from Y through 2 to X.
4 to 3 is ¾ inch, and shape the sleeve from I through 3 to F.
From 6 to 7 is 1 inch, from 5 to 6 is ¾ inch.
Dotted line shows where the sleeve is cut through with a seam on top, as shown in diagram.

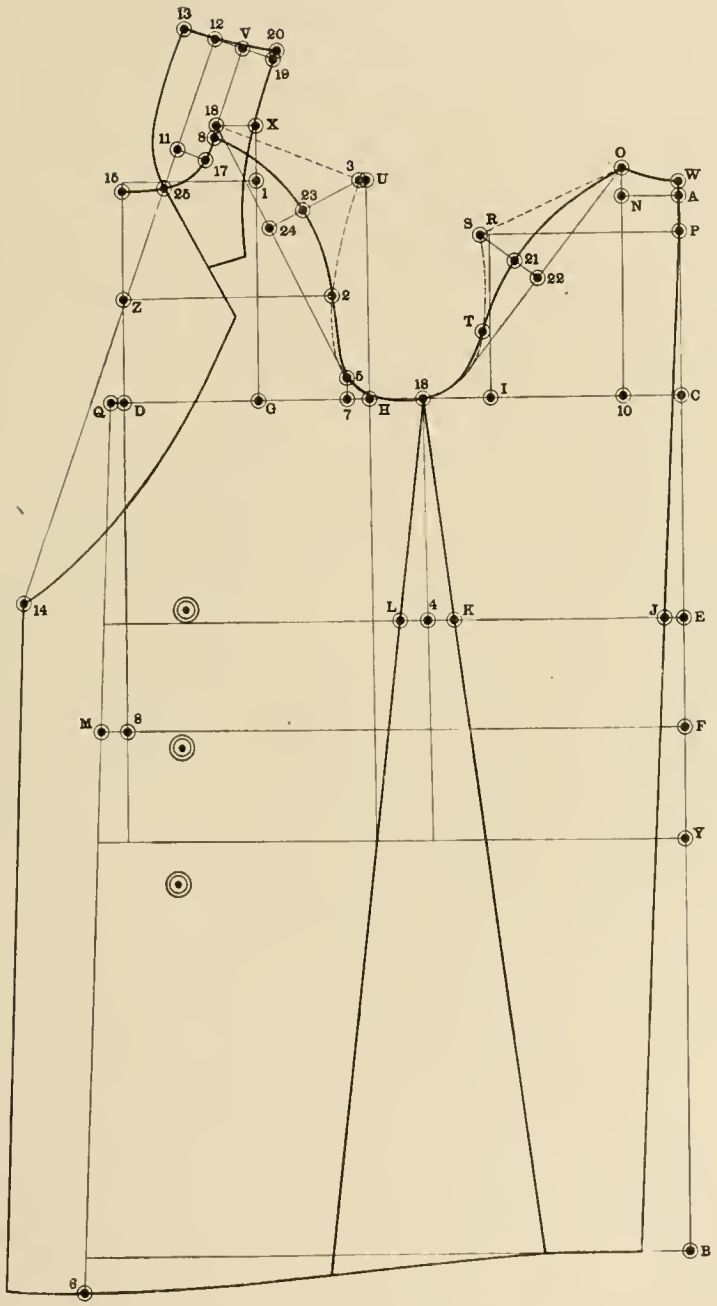


Diagram 27

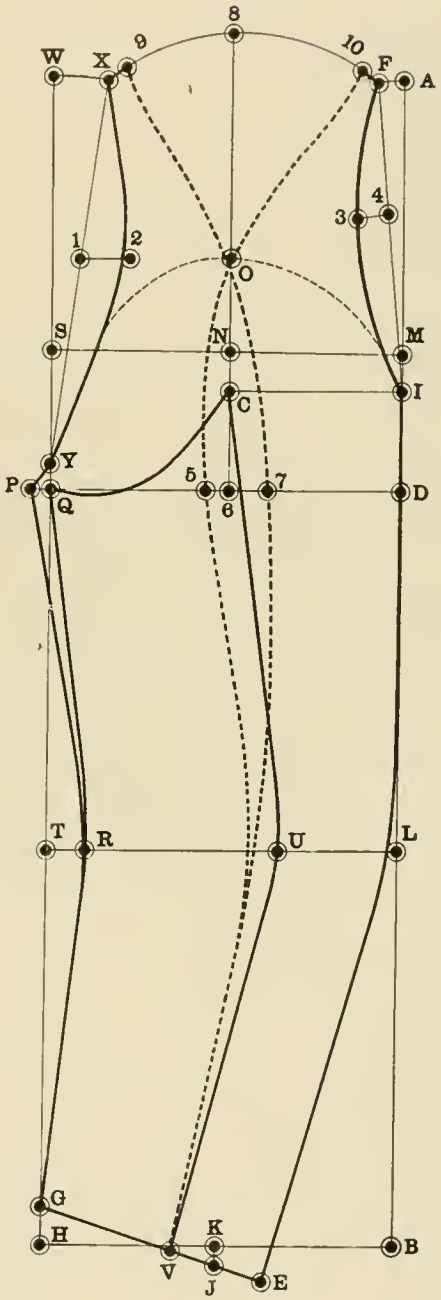


Diagram 28

HOW TO PLACE DART IN FRONT OF RAGLAN

DIAGRAM 29

It is necessary in all loose coats to place a dart from the shoulder to the bust line, in order to give the garment proper fit over the bust. In this case cut out the entire front of raglan, lay another piece of paper under for a new front. Measure over from the center front line at point 3 on the bust line, 3¾ inches to 4.

4 to 5 is 1½ inches below the bust line.

From point 5 square a line down to the bottom of the coat, as the dotted line shows. Split this line open up to 5.

To place dart, at shoulder measure from the top of neck over to 1, 2 inches. Connect 1 with 5, and cut through on this dotted line. Pivot on point 5, open the shoulder from 1 to 2, 2 inches for dart which swings the bottom of coat from 8 to 7 and 9 to 10. Mark out the entire coat from A to neck, 1, 2, to 6.

Pivot at point 6, swing point 10 back to 9 and 7 to 8, which gives us the same fullness before placing the dart at shoulder.

Reshape the bottom, which gives us a drop at the front part of coat, as the diagram shows.

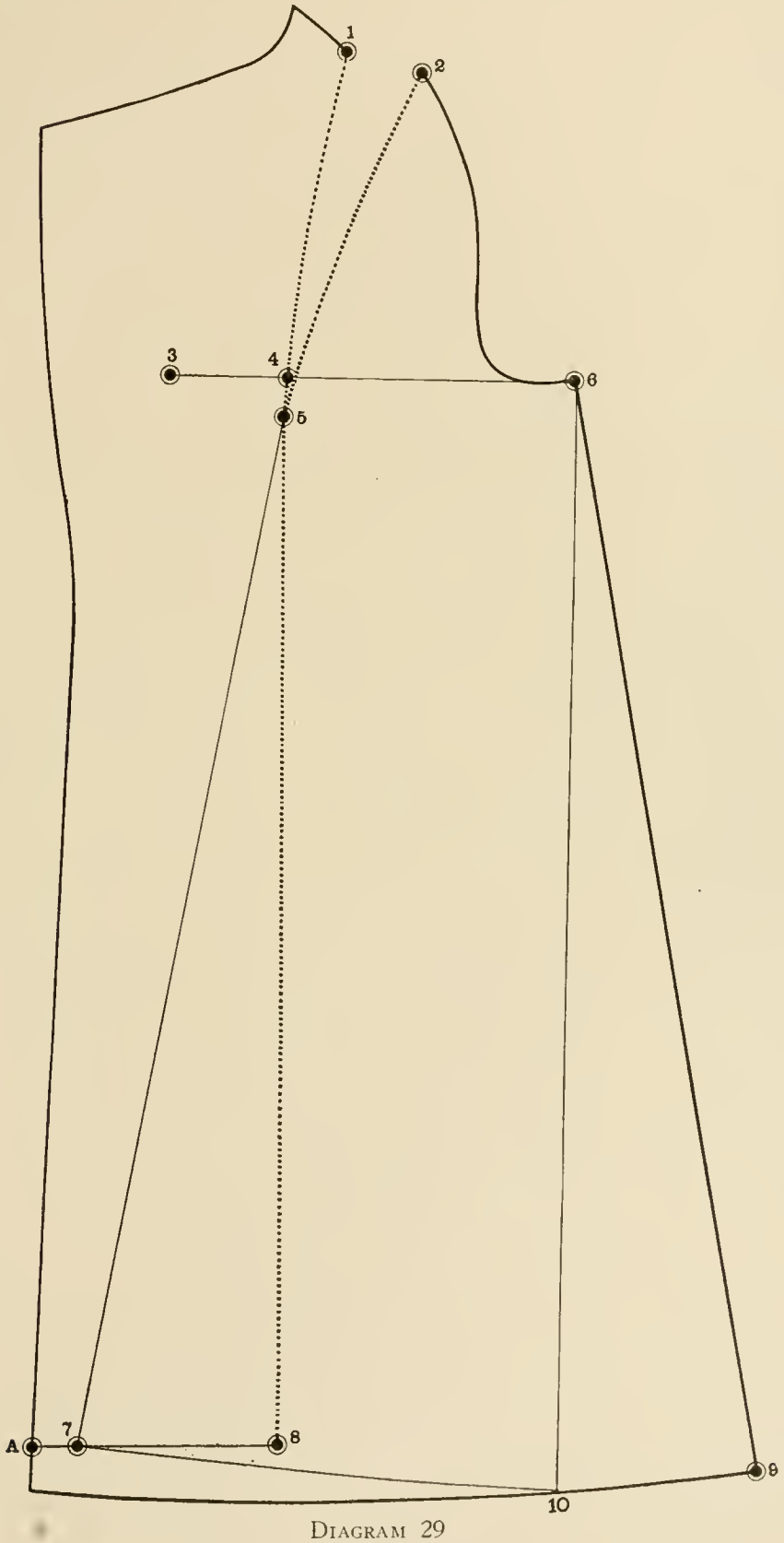


DIAGRAM 29

HOW TO MAKE A RAGLAN FROM A BLOCK PATTERN. LOOSE COAT.

Diagram 30

INSTRUCTIONS.

Draw line from 32 to 2. 2 is the deepest point from armscye.

41 to 39 is 1 inch.

Shape from 2 through 39 to 32.

Back part. Draw line from O to T.

T is the deepest part of armscye in back.

38 is about the center of O. T.

Square over 38 to 37—1 inch.

Shape as shown.

For double breasted collar and lapel, follow same instructions as given in diagram 19, page 42.

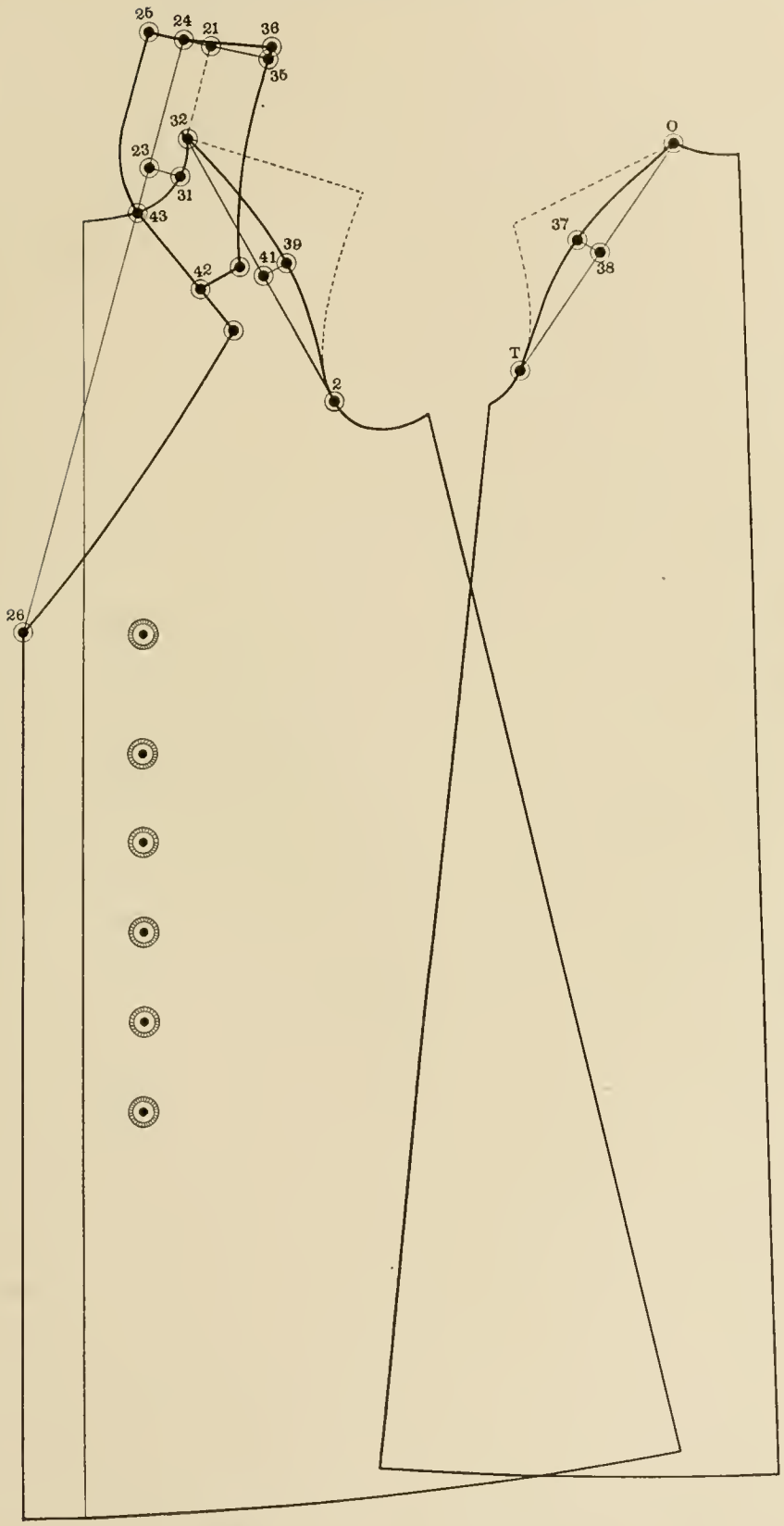




DIAGRAM 30

HOW TO MAKE A COAT WITH A DEEP ARMHOLE FROM A BLOCK PATTERN.

DIAGRAM 31

Lay pattern together as diagram shows.

To place a seam under the arm, measure down from the front neck, 3 to 5, 8 inches. Square 5 to 6, 11 inches.

At bottom, from 2 to 8 is 16½ inches, and draw line from 6 to 7 to 8.

This may be cut in a one piece coat or with a seam as desired.

At armhole, from 6 to 7 is 4 inches.

It may be cut higher or lower if desired.

Shape armhole as shown. For double breasted collar and lapel follow same instructions as given in diagram 19, page 42.

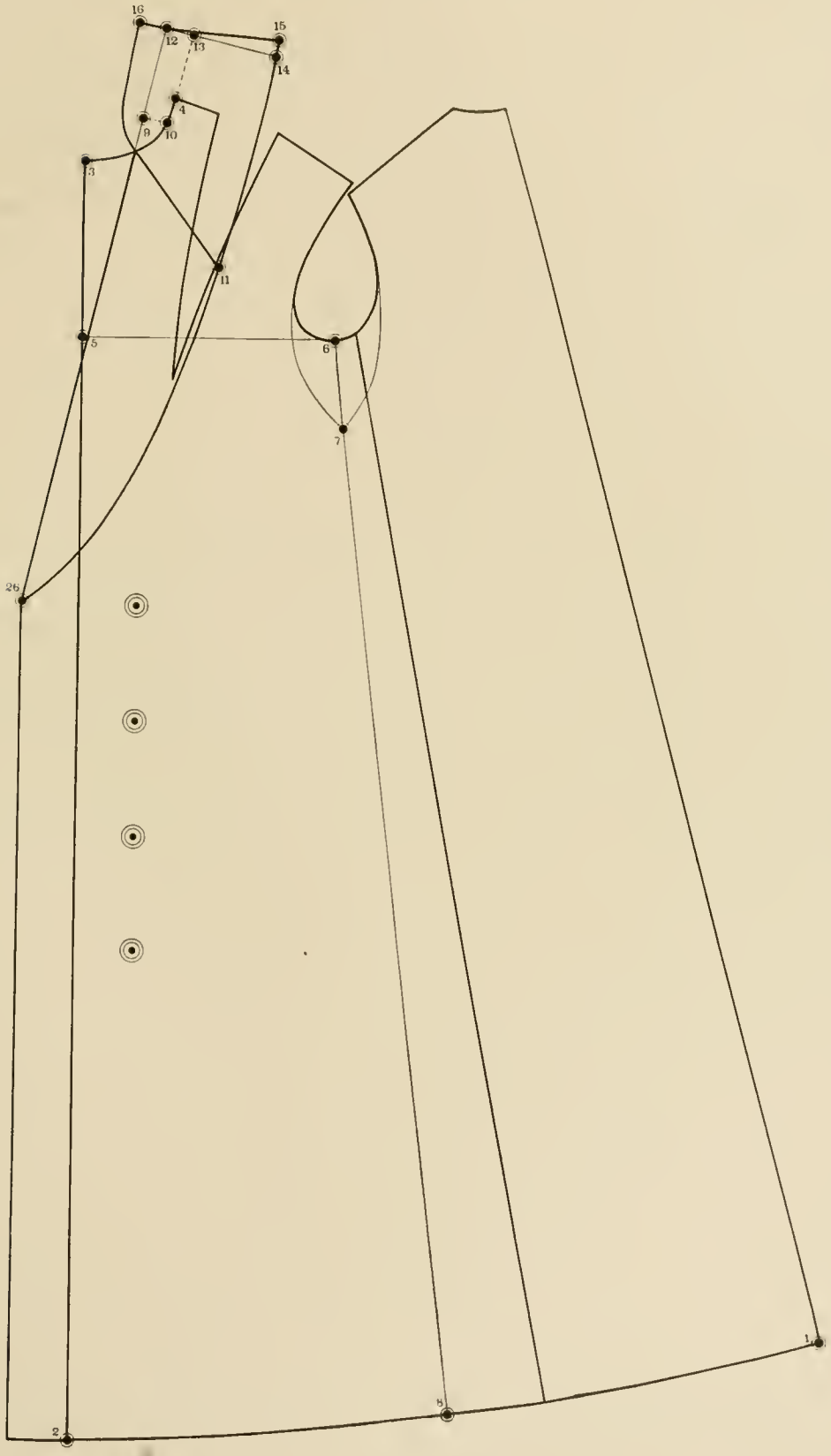


DIAGRAM 31

DRAFT SLEEVE FOR DEEP ARMHOLE.

DIAGRAM 32

Draw line A to B; A to 7 is ⅛ of bust measure, 4¼ inches; 7 to B is 18½ inches, full length sleeve; 7 to 9 is 3¾ inches, 1 inch less on each inch we go down distance from 6 to 7 at underarm of coat; 9 to 2 is 1½ inches; 8 to 1 is 1½ inches.

Draw a straight line from A to 11, from 11 to C, from A to 5, and from C to 4 is 5 inches.

Shape sleeve as shown.

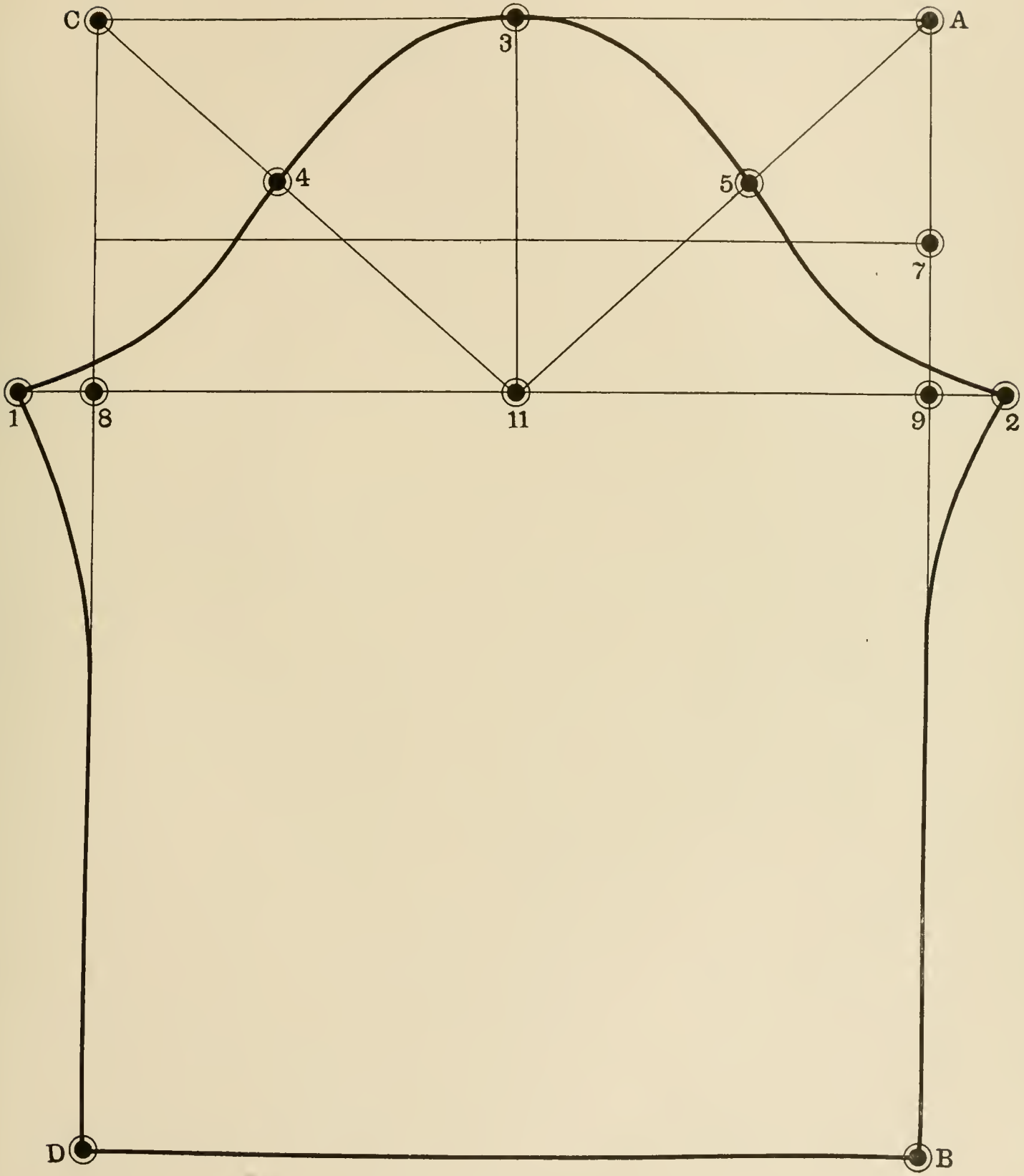


Diagram 32

COLLARLESS SEMI-FITTING KIMONO COAT.

DIAGRAM 33

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow diagram 19, page 42 for a semi-fitting coat.
This coat is cut with an underarm gore and body.
From 28 to 62 is 1 inch.
62 to 50 and 54 is 1¾ inches.
Square up at 62 17½ inches to 67, length of underarm gore.
Square over from 67 to 68 and 66, 1 inch.
Connect 68, 50, 66 and 54.
Connect 50 with 64 and 54 with 64, and this completes the undregore of body.
Cutting a collarless coat you always allow an extension from the natural neck line. In this case we allow 1½ inches raise for the back and front of neck.
Back neck, A to 53, O to 52.
Neck point, 32 to 56.
Raise ¾ inch of the back shoulder from R to 51, for side back gore.
Draw line from 50 through H to 61, 6 inches.
62 to 63 is 3½ inches.
From 60 draw a line through 63 to 60, which is 17½ inches, length of undergore sleeve.
Square on line 60—50 to 58, 6 inches.
60 to 59 is 1½ inches.
Now shape sleeve 52 through T, 51, 61, 58, 59 through 63 to the side gore from 50 through 6—14 to the length of coat over to 44 up through 15 L and T.
This completes the side gores as diagram shows.

THE FRONT SIDE GORE AND SLEEVE.

Draw a line from 54 through 1 to 65, 6½ inches.
Draw a line from 54 through 63 to 98.
Square over on 98 to 47—4 inches.
47 to 48 is 1½ inches.
This 1½ inches we lost between 22 and 20 on front shoulder.
From 98 to 46 is 1½ inches.
Draw line from 46 to 54.
Reshape sleeve from 46 slightly curve through 63 to 54.
Shape sleeve and body from 20 through 3—40—65 down to 48 over to 46 front side of body, from 54—30—13 the length of coat over to 12 up through 16—8—W and 20.
This completes the sleeve and front side gore.
To make garment double breasted.
Go out from the front line 2½ inches and the same distance back for buttons.
At neck, 55—27, take out 1 inch and shape as diagram shows.
This completes the diagram.

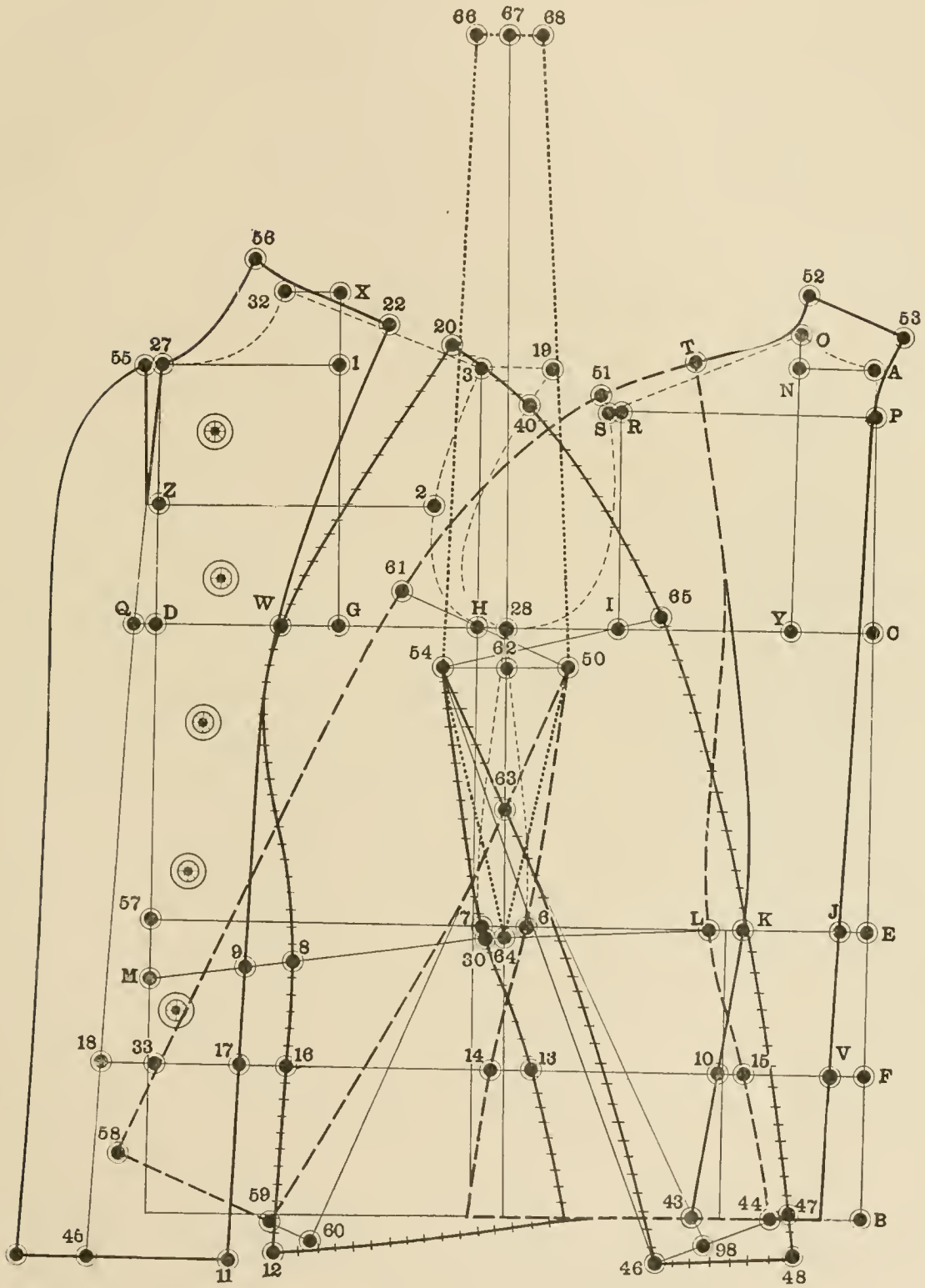

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Diagram 33

SHAWL COLLAR CUT WITH SEAM ON SHOULDER. SHOWN ON BLOCK PATTERN.

DIAGRAM 34

INSTRUCTIONS.

At neck, from 16 to 23 is 1 inch. Draw line from 26 through 23 to 13. From 13 to 12 is 1¼ inches. Shape collar from 12 through break line to 7.

At front shoulder, from 5 to 3 is ¼ inch allowed for spring. Draw line from 12—13—20—3 to 4.

Trace out front part of collar 4—3—13—12—7 to 4.

To trace out lapel, turn paper under on line 26—13, and give the shape of lapel on opposite side.

Between 14—15 take out ¾ inch. Shape dart down 5 inches to 9.

This ¾ inch we lose add on lapel at 19 to 17. This completes lapel and front part of collar.

For back part of collar, 13 to 24 is 2½ inches, the neck measure of back coat. Square over on break line, 26—24, any desired length for collar, in case 15 inches to 11, as shown in dotted line. Place the neck curve, 20—22, as shown in dotted line.

For stand band of collar, from 24 to 25 is 1¼ inches.

At back shoulder, from 2 to 1 is ¼ inch raise for spring. 10 to 11 is ¾ inch raise for spring.

Shape collar on back shoulder, 12 to 8, making same length as front shoulder, 12 to 4.

Shape back collar from 25—24—22—10—11—8—20—13—12, as shown.

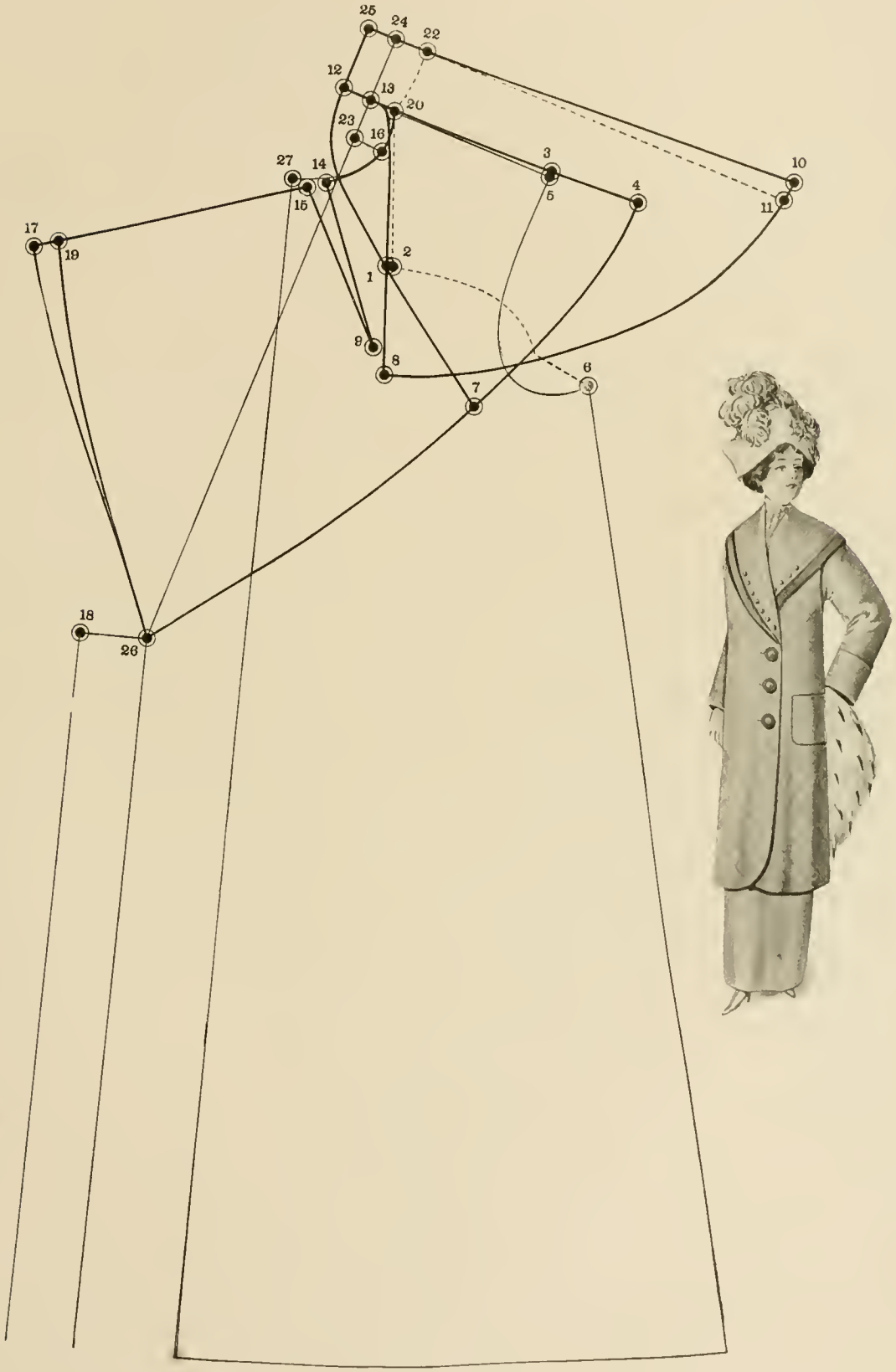


Diagram 34

SET ON COLLAR AND LAPEL. SHOWN ON BLOCK PATTERN.

DIAGRAM 35

INSTRUCTIONS.

Draw line from 26 to 16. 16 to 23 is 1 inch; 23 to 20 is 1¼ inches. Draw line from 23 to 26. Break line. Draw line 20 to 26.

At front shoulder 7 to 8 is ¼ inch allowed for spring.
Draw line from 20—23—7 to 4. 4 to 5 is 3 inches taken out for close-fitting collar over arm.
Shape front collar from 26 to 5—7—23—20 down to 26.
For back part of collar 23 to 24 is 2½ inches, neck measure of back. Square on break line 24—26 over to 3, as dotted line shows, any desired length, in this case 21 inches.

Place the neck curve of the back part of coat 21—17, as shown in dotted line. For stand band, from 24 to 25 is 1¼ inches. At back shoulder, from 10 to 9 is ¼ inch allowed for spring. Draw line on back shoulder from 17 to 11, making same length as front shoulder, 17 to 4. 11 to 12 is 3 inches taken out. 3 to 1 is ¾ inch spring.

Shape back collar from 25—24—21—2—12—9—17—23—20, as shown.

For front part of coat, cut away on line 26—16 and set on lapel on same line of coat, 26 to 20.

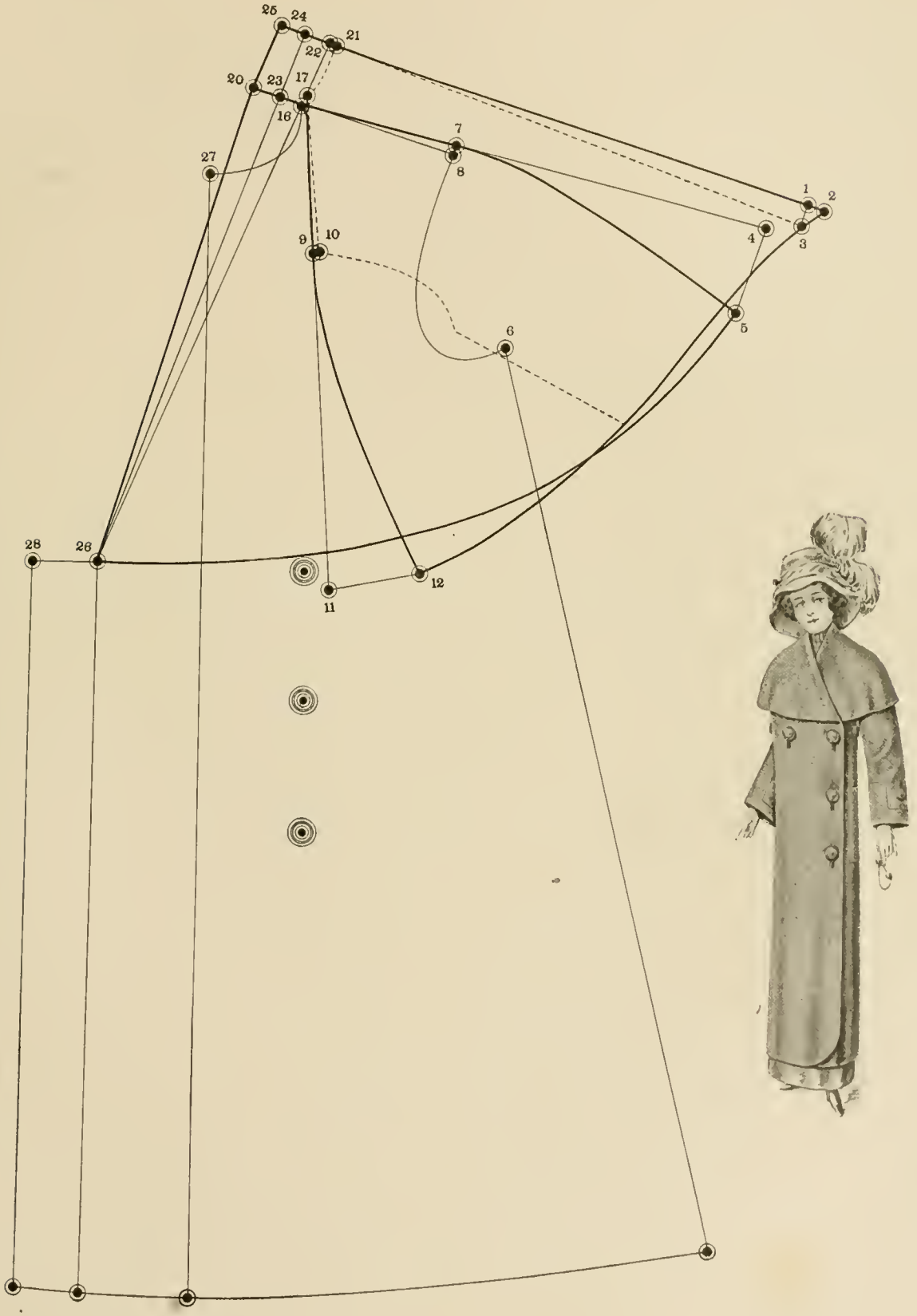


Diagram 35

TWO PIECE KIMONO COAT WORKED FROM BLOCK PATTERN.

DIAGRAM 36

INSTRUCTIONS.

To place the seam of coat under the arm, take off the front 1 to 2, 1 inch.

10 to 11 is 2 inches. Draw straight line from 1 to 11. The distance we take off the front from 1—2 and 11—10 add on the underarm of back coat, D—E—N—M.

At front measure from 3 to 4, 20 inches, square over to 9, 26¾ inches, square up on line 4—9 to 7 7½ inches square over 7 to 8, 2½ inches. 6 to 5 is 2½ inches.

Draw line from 11—6—9—8—16—15—14. This completes the front.

BACK PART.

From X to P is 19 inches. Square over to J 25¼ inches. Square up J to H 8 inches. Square over H to I 1¾ inches. K to L is 1¾ inches. C to B is ¾ inch raise.

Draw line from M—L—J—I—B—A. This completes the back part.

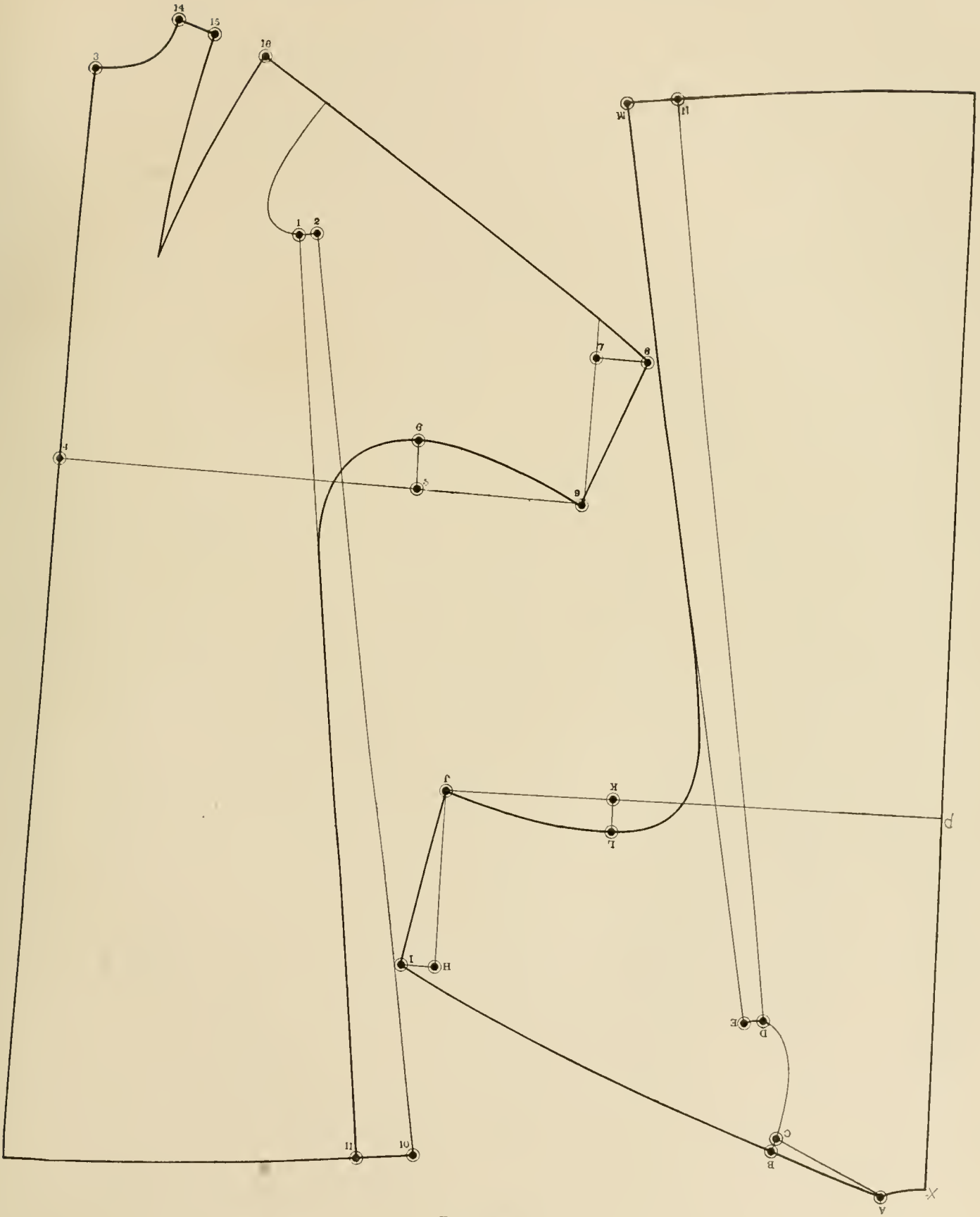


Diagram 36

LOOSE FRONT JACKET 3-8 INCH SEAM ALLOWED.

DIAGRAM 37

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height of Waist	7¼—15½ inches
Length Front of Waist	7—17 inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

1. Draw line A—B.
 C—D is bust line; C to A is 7⅜ inches, length in back; C to P is 6 inches, second shoulder height back; E is waist line, and 16 inches from A.
 From E to F and F to B are 4 inches apart, which are first and second hip points. Square points A, P, C, E, F, on line A—B.
2. C to D is 22 inches, or ½ of bust measure plus 3 inches, which is allowed for seams. D to G is 5 inches, ¼ of ½ bust measure, 20 inches, and square up. G to H is 4 inches, ⅛ of ½ bust measure plus 1½ inches and square up and down. C to I is 7⅜ inches across back, and square up. C to Y is 2½ inches, and square up. Y to O is 8⅜ inches, first shoulder height back. R to S is 1 inch. H to 3 is 7⅜ inches, and intersect point with line. G to X is 9⅜ inches; X to 1 is 2¼ inches; square line 1 to get neck line front. Z to 2 is 7¾ inches (chest measure plus seam.)
 Draft neck curve back A O and shoulder back O S. Shoulder front, line X to line 3 is the same length as back shoulder, O—S. Draft armseye, starting from S through H—2 to line 3.
3. E to J is 1½ inches, and connect J with A for back line. J to K is 1⅞ inches; K to L is 1 inch; L to 4 is 3¼ inches; 4 to 5 is 1 inch; 5 to 6 is 3¼ inches; and 6 to 7 is 1¼ inches.
 The proportions for gores as just given are the same as described in diagram 8, page 8, with the exception that ⅜ of an inch is allowed for seams.
 Fine center of K—L, 4—5, 6—7, and square down.
4. F to V is 1¼ inches. 10 and 15 are ¼ inch from center line; 11 and 12 are ⅜ inch from center line; 14 is ⅜ inch and 13 is ½ inch from center line.

Draft gores and back through just given points as diagram shows. Measure hip the same as described in previous lessons, allowing 3 inches more for seams. The front collar and lapel, including the dart, are the same as described in diagram 8.

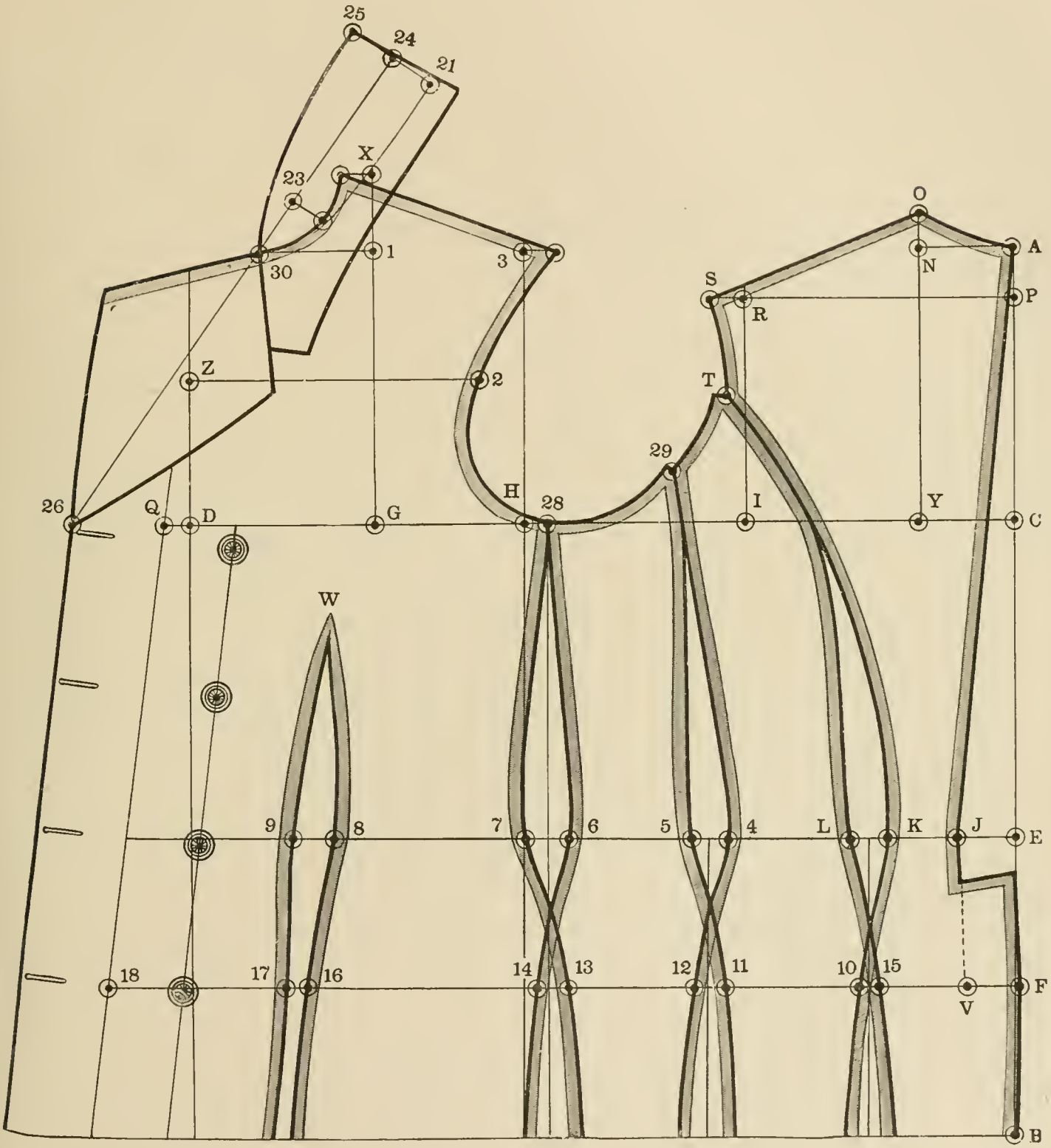

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Diagram 37

NINETEEN-GORE CORSET JACKET.

DIAGRAM 38

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	10¼— 8¼ inches
Across Chest	15½ inches	Shoulder Height Back	8½— 6¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

1. The box, shoulder heights, collar and front are exactly the same as previous jacket lessons, with the exception of divisions of waist and hip.

2. Waist: E to J is ½ inch and is straight up and down to A—37 without seams in back. J to K is ⅝ inch; K to L is ½ inch; L to 41 is 1¼ inches; 41 to M is ½ inch; M to 42 is 1¼ inches; 42 to 22 is ½ inch; 22 to T is 1¼ inches; T to 30 is ¾ inch; 30 to 40 is 1¼ inches; 4 to 5 is 1¼ inches; 5 to 6 is 1¼ inches; 6 to 7 is 1 inch; 7 to 8 is 1¼ inches; 8 to 9 is ¾ inch; 9 to 34 is 1¼ inches; 34 to 33 is ¾ inch; 33 to W is 1¼ inches; W to U is ¾ inch. Increase and decrease width of gores for larger or smaller sizes.

3. Divide K—L; 41—M; 42—22; T—30; 4—5 into half and draw straight lines down and up and down between 4 and 5. From these guide lines just obtained, measure on fullness over hip on each gore. Allow for this fullness ¼ inch on each side of guide line, as is readily seen in diagram.

4. The seams on shoulders are 2 inches apart and are cut through by gores; ½ inch is to be taken out in darts on hip line in front, as 14—15, 16—17, 32—19, 20—38 show.
 Now measure hip, applying the same rule as in previous lessons. Length of this jacket to suit customer.

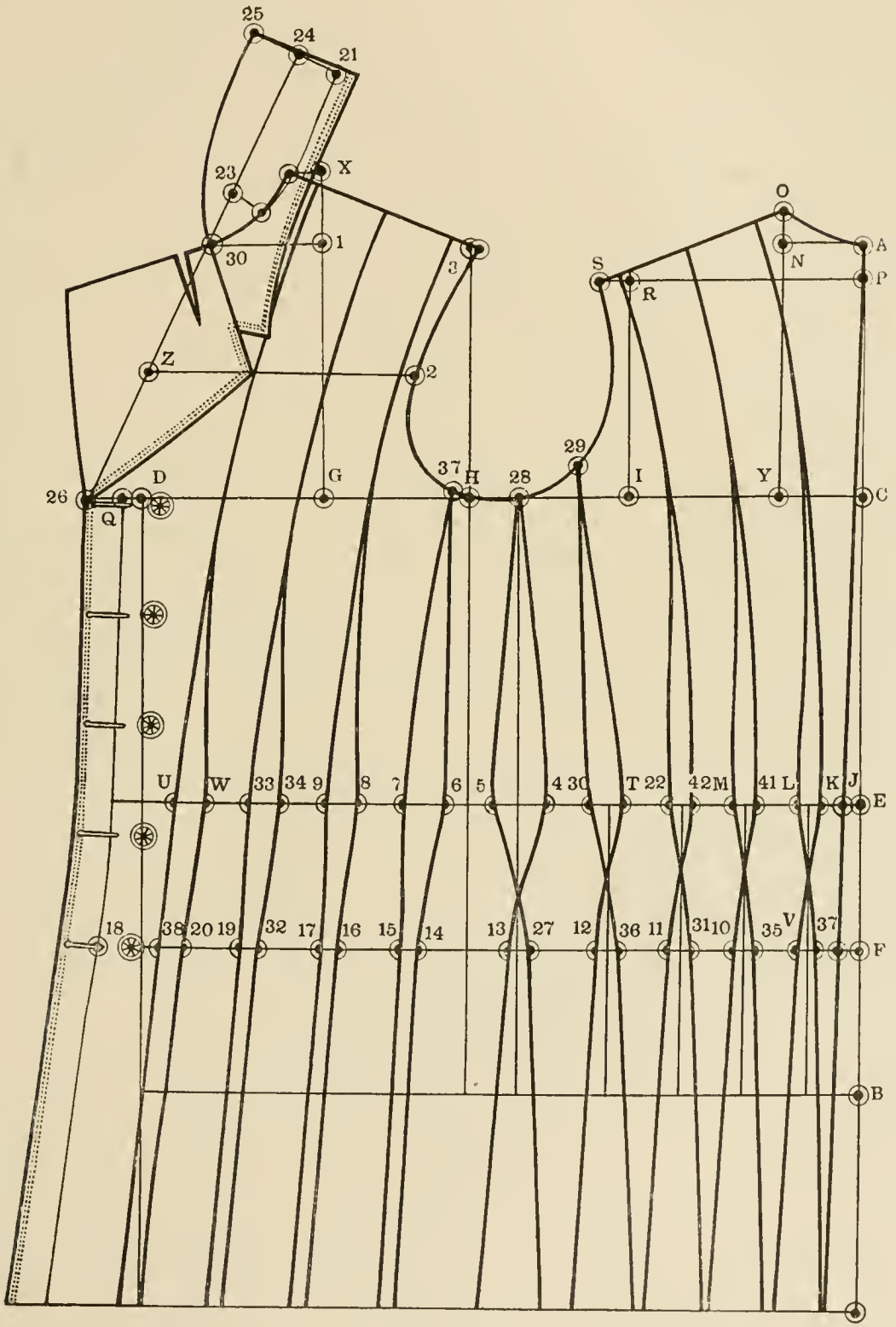

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Diagram 38

ETON JACKET.

DIAGRAM 39

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height of Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in diagram 80, except the front.

2. From front line D add 1 inch to Q—18—27, and draft line as shown through just given points to give vest effect. The dart 8 to 9 is 2½ inches wide and 3 inches below bust line. The bottom of Eton may be made to any desired shape.

This Eton shows a heavy braid trimming around the edges.

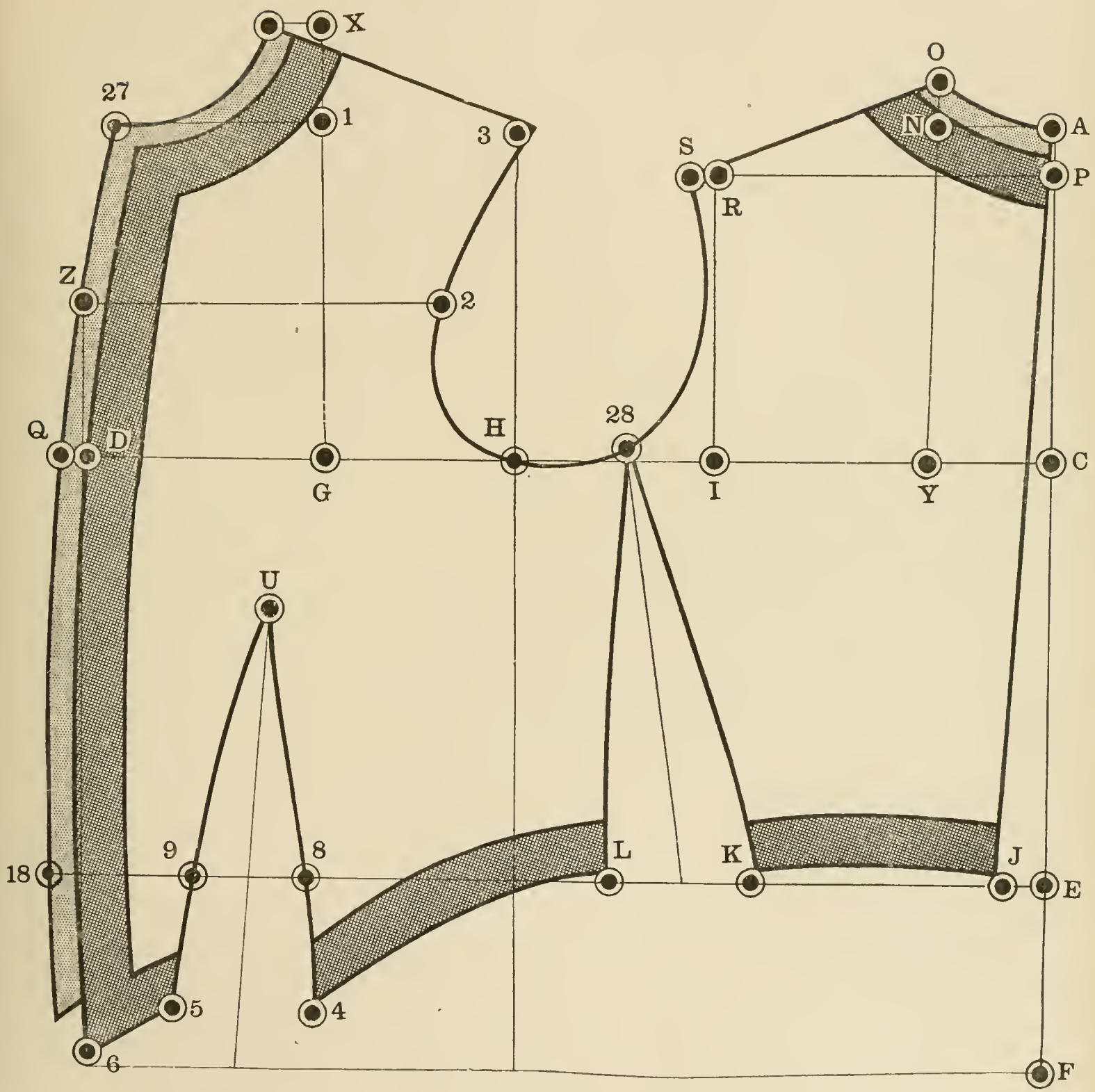


Diagram 39

RUSSIAN BLOUSE.

DIAGRAM 40

MEASURES.

Bust	38 inches	Under Arm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height, Back	8¼—6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.
At waist line E to J is 1½ inches.
J to 7 is 9½ inches.
In this case we need 6¼ inches, which is ¼ of 25 inches, the waist measure in back.
The other 3¼ inches are taken out between the two gores, L, K, 1¼ inches, 6, 7, 2 inches.
J K is 3¼ inches.
K L is 1¼ inches.
L 6 is 3 inches and 6, 7, is 2 inches.
J, K and L 6 is 6¼ inches, ¼ of waist measure in back.
At back shoulder, S to 29 is 4½ inches.
28 to 30 is 8½ inches, length of underarm measure.
Draw new waist line from L to 30.
Shape back gores as diagram shows.
From the box line at the first hip in front measure from 78 to 18, 3 inches.
Draw front line from 27 to 18; 27 to D is 7 inches, the highest point of chest.
27 to M is 17 inches, length waist in front.
Draw new waist line from 30 to M.
To place dart measure from D on front bust line over 4 inches, and from this point measure down to W, 3 inches.
M to 9 is 6½ inches.
9 to 8 is 2 inches.
From point W at the top of dart measure down to 69, 7½ inches.
From W measure down to 70, 7½ inches.
Shape dart at bottom of blouse as diagram shows.
To make garment double breasted measure from 18 to 71, ½ inch.
71 to 26 is 6 inches.
From box line to 26 is 1½ inches.
Shape the front from 71 to 26.
To obtain shawl collar and lapel measure from the deepest point of neck, 21 to 23, 1 inch.
Draw a line from the bottom of lapel at 26 through 23 to 24.
32 to 21 is 2¾ inches, ¼ inch more than back neck measure, A O.
Square over on line 24, 26, 1¼ inches to 25, standing band, and over to 35.
35 to 36 is ½ inch for spring.
Shape the back line of collar from 25, 24, 21 to 36.
Shape collar and lapel as diagram shows.
Place a separate piece of paper under collar and trace out according to shape of collar.
To trace lapel, break on line 26, 24, turn the paper under and trace out the shape of lapel, which will be reversed on opposite side.

TO MAKE SKIRT.

Draw line from 6 to 8, which is ¼ of bust measure, 9½ inches plus ½ inch, which is 10.
Square up on line 6, 8 to 9, which is ⅛ of bust measure, 4¾ inches plus 1½ inches, which is 6¼ inches.
8 to 7 is 3 inches, and shape waist from 9 through 7 to 6.
Measure from 6, 7 and 9, 12½ inches, ½ of waist measure.
What remains over is eased in at the waist line.
Measure down from waist line to dotted line 4 inches to 14, 15.
Measure 14, 15—20½ inches, ½ of hip measure.
Come out from front line on hip ⅜ of an inch from 14 to 11.
6 to 17 is 18 inches at front and 9 to 12 at back is 8 inches, and shape bottom as diagram shows.
Draw front line from 6 to 11 to 13.
To make inverted pleat measure from 9 to 10, 2 inches at the top of waist line.
At the bottom 12 to 16, 4 inches.
To form inverted pleat take up on line 9, 12, and meet center back line, 10, 16.

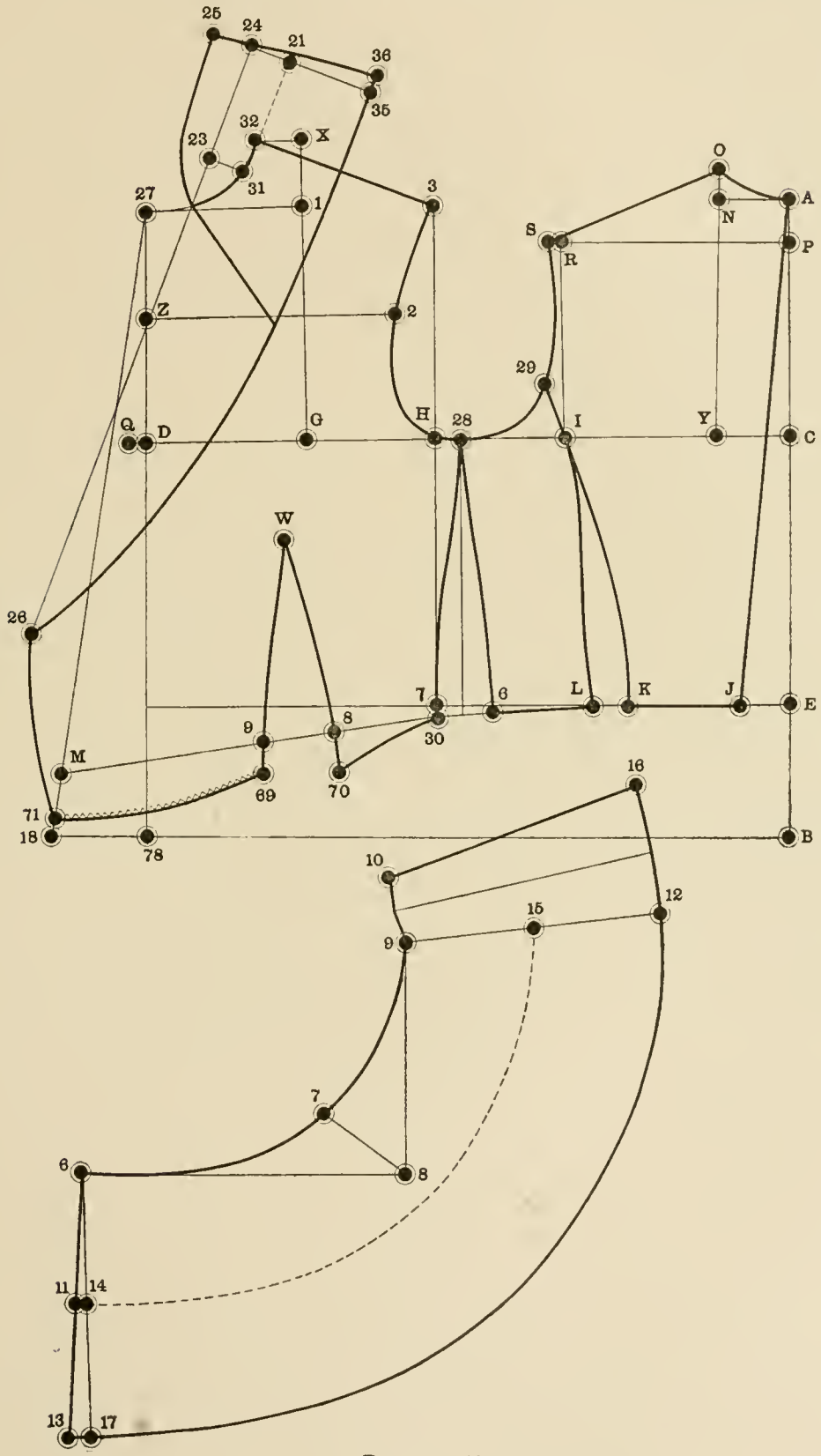

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DIAGRAM 40

TIGHT FITTING JACKET WITH SEPARATE SKIRT.

DIAGRAM 41

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height of Waist	7¼—15½ inches
Length Front of Waist	7—17 inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

For making jacket use exactly the same rules and descriptions used in tight fitting jacket. Diagram in this instance shows a separate lapel, and is made exactly like the tight fitting jacket, with the exception of the shape of collar and lapel. Also notice that jacket is cut through from back gore, point L to front of garment point 40, to which separate skirt is fastened.

SKIRTS Square points 33—32 from 23. 23 to 33 is ¼ of bust measure, 9½ inches; 23 to 32 is ⅛ of bust measure plus 1 inch, 5¼ inches. From 33 to 10 and from 32 to 13 is 4 inches all around waist, making hip measure. 23 to 31 is 3 inches. Draft waist line from 33 through 31 to 32, which is ½ of waist measure, less back, J—K.

10 to 19 is ½ inch; draw line down through 19 from 33; make skirt 8 inches deep and 8 inches all around from waist line. Add plaits on back to correspond with jacket, which completes diagram.

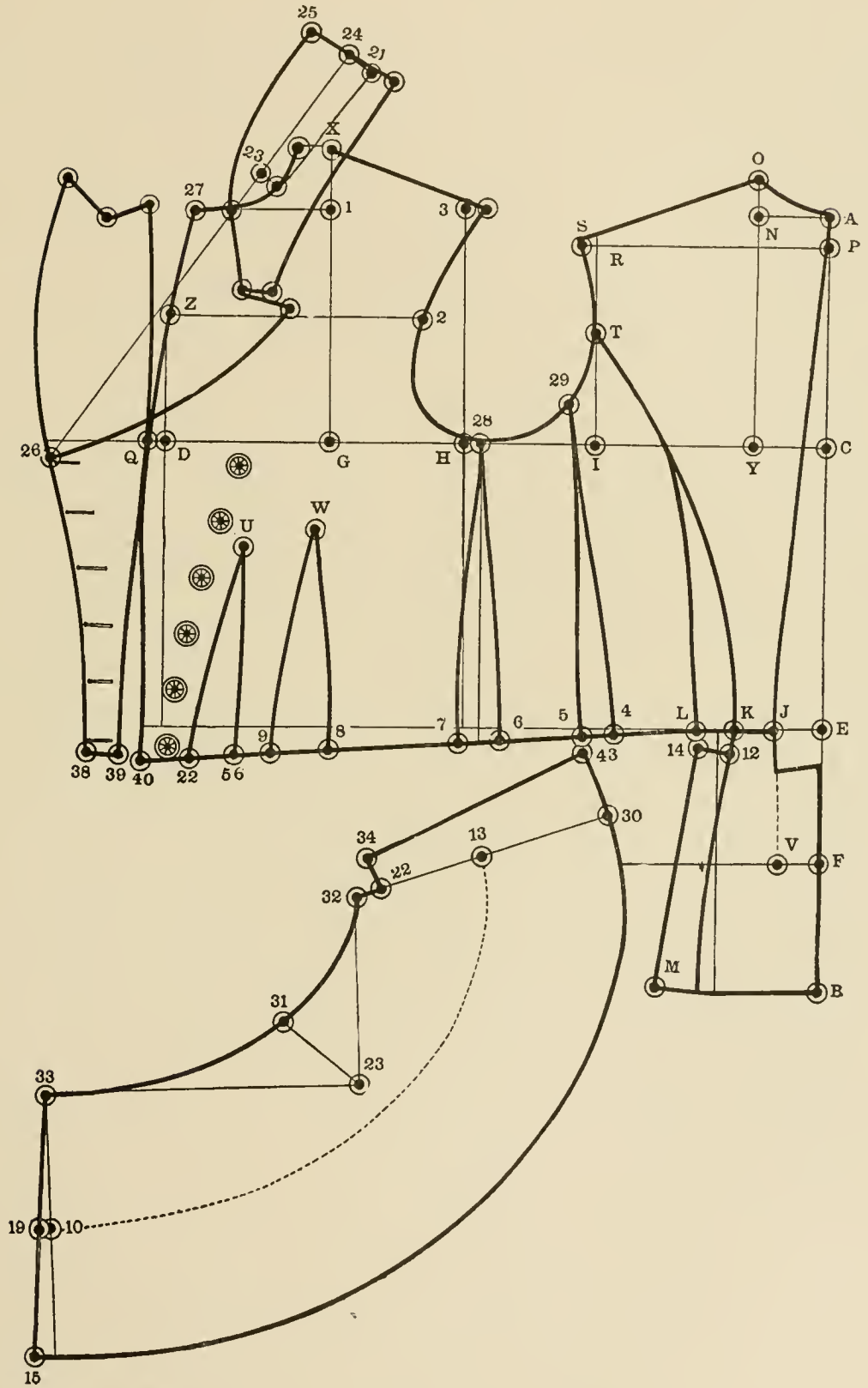

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DIAGRAM 41

LOOSE FRONT JACKET WITH TIGHT FITTING VEST.

Diagram 42.

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Length Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

1. Follow tight fitting jacket for back, side gores, back gores, and front, then shape gores and back to any desired length as diagram shows.

 Using the center front of the tight fitting jacket, shape vest as diagram shows, about 2 inches below waist line. The vest in this diagram is the shaded portion of drawing.

2. Measure for shawl collar 1 inch from deepest point at neck line 23, and draw straight line from bottom of front point 53 through point 40. Now draft line from neck curve front line X to 21 upward and make this distance the same length as neck curve back A—O, giving point 21. Placing square on line 53—23, draw a line from 21 through point 24 to 25. Draft shawl, starting at point 53 to top of collar (neck back) and draft under collar from point 25, touching shawl as diagram shows.

 Break line 24—53 by turning paper under and trace shawl toward front as diagram shows. Place separate piece of paper under the under collar and trace out according to diagram. The vest must be traced out the same way by laying paper under front.

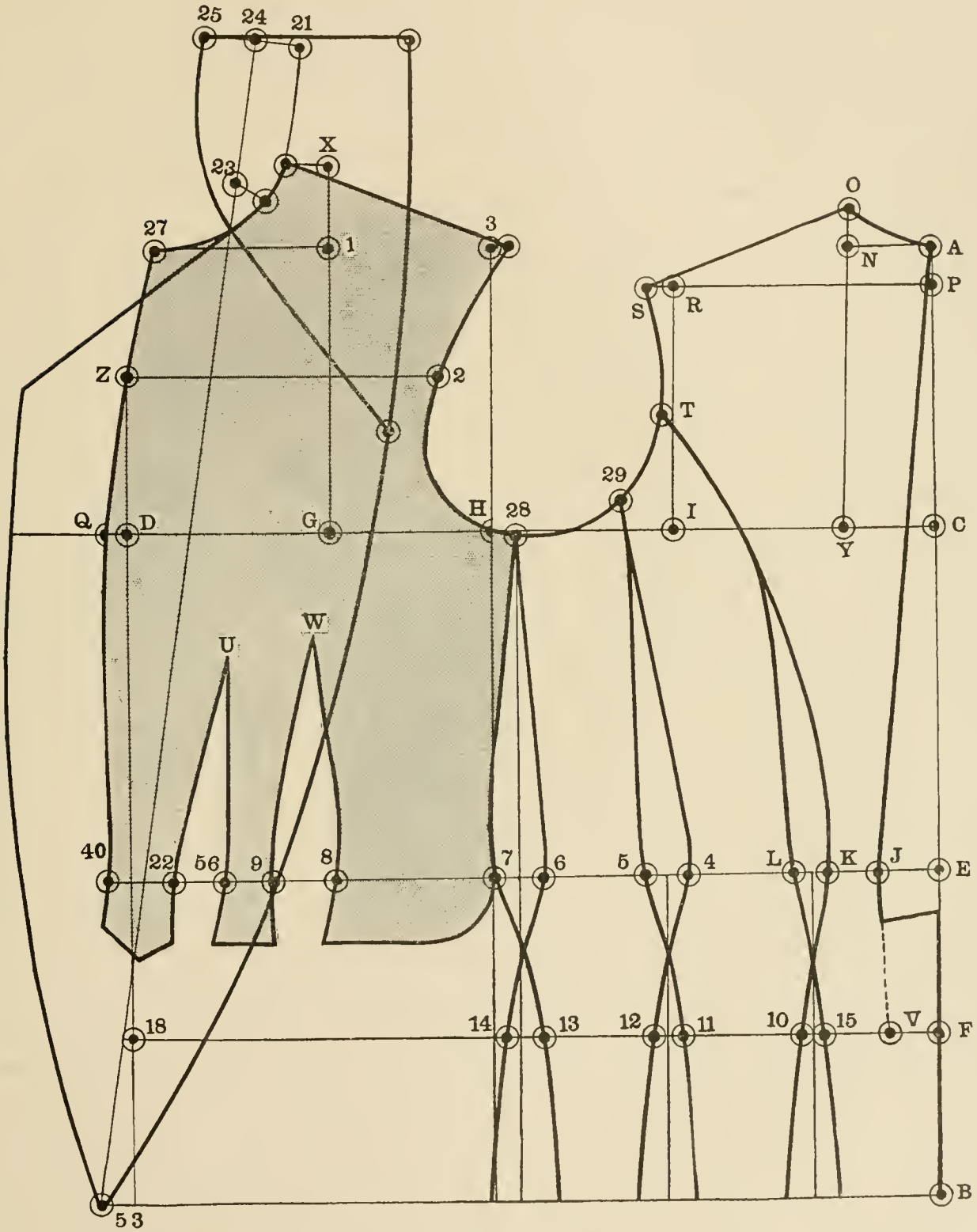

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Diagram 42

LOOSE BACK TIGHT FRONT VEST.

DIAGRAM 43

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height of Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

1. Use Lesson No. 1 for box.
2. Shoulder heights and armscye are same as tight fitting vest.
3. From 5 to 4 is 2 inches, and shape as shown.
 4 to J is ¼ waist measure, 6¼ inches.
 J to E is held in with strap.
 Measure from 5 to 9, 6¼ inches, ¼ of waist, distance from 9—18 must be taken out in dart 9—8 2½ inches, and shape dart as shown.
4. Collar is the same as described in diagram 41.

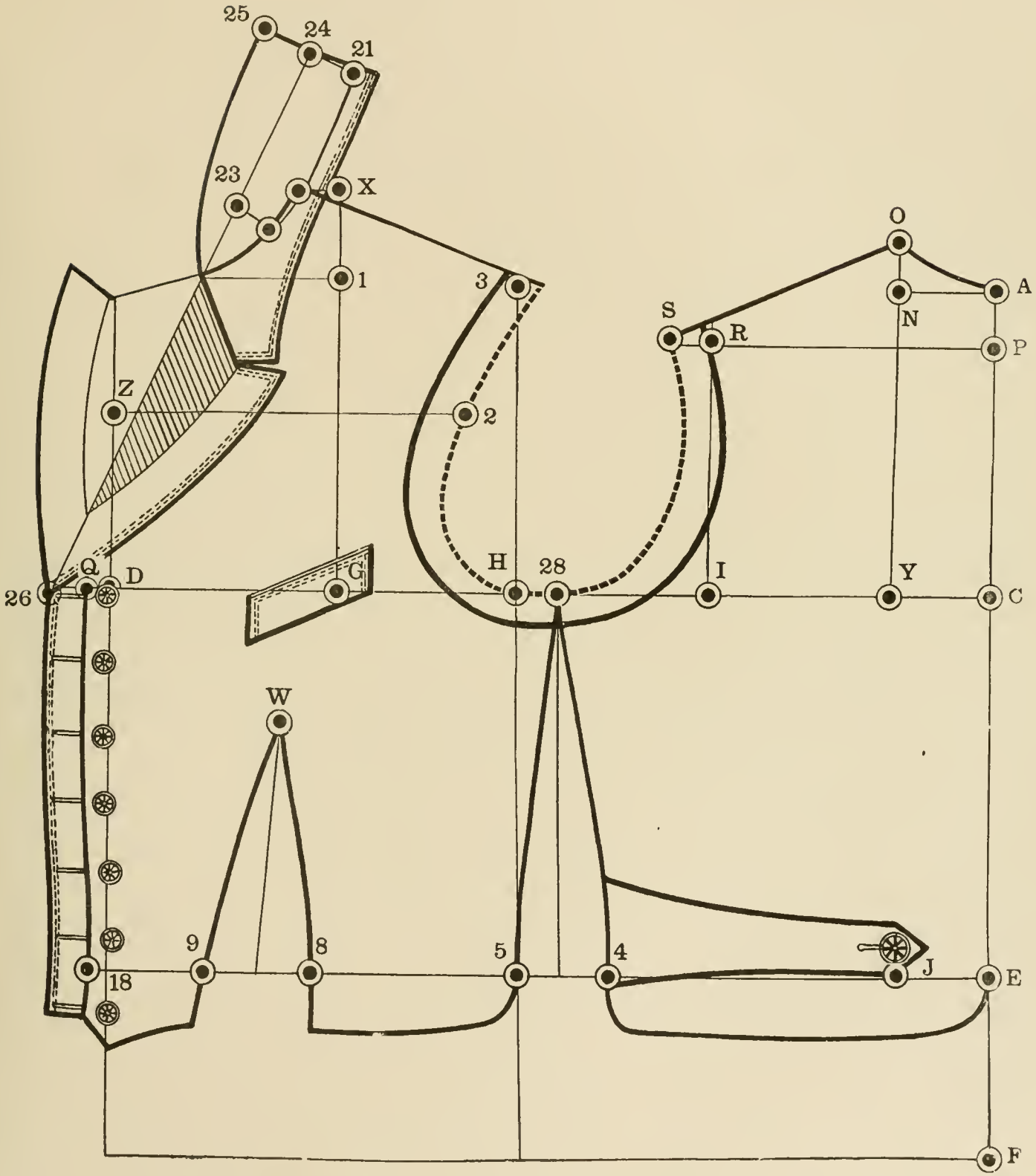


Diagram 43

TIGHT FITTING VEST.

DIAGRAM 44

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights, Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

1. Use Lesson No. 1 for box.

 A to C is 7 inches, length in back; P to C is 5¾ inches, second shoulder height back; square A and P on line A—F; P to R is 6½ inches, ½ width of back. S is about 1 inch from R; A to N is 2½ inches, which distance changes; C to Y is 2½ inches, this distance changes ⅛ inch more or less for respective sizes; Y to O is 8 inches, first shoulder height back.

 H to 3 is 7 inches, second shoulder height front; G to X is 9 inches, first shoulder height front; I is 2 inches from X, this varies according to measure, allowing ⅛ inch more for larger sizes and ⅛ inch less for smaller sizes. E to J is 1 inch; connect J with A, and shape slightly as shown.

 Draft line A—O. Connect O with S. 3 to line X is same distance as O—S.

 Draft line X—27.

 Armscye for vest is always 1 inch larger all around than the regular jacket. The dotted line shows the jacket and the heavy line all around it the vest armscye.

3. J to K is 3½ inches; K to L is 1 inch; L to 4 is 2¾ inches; 4 to 5 is 2 inches; now draft gore in back as shown.

 Front and darts are same as tight fitting jacket.

4. Allow for button stand ¾ inch.

 Draft bottom to any shape desired. From 27 on neck diagram shows a standing collar.

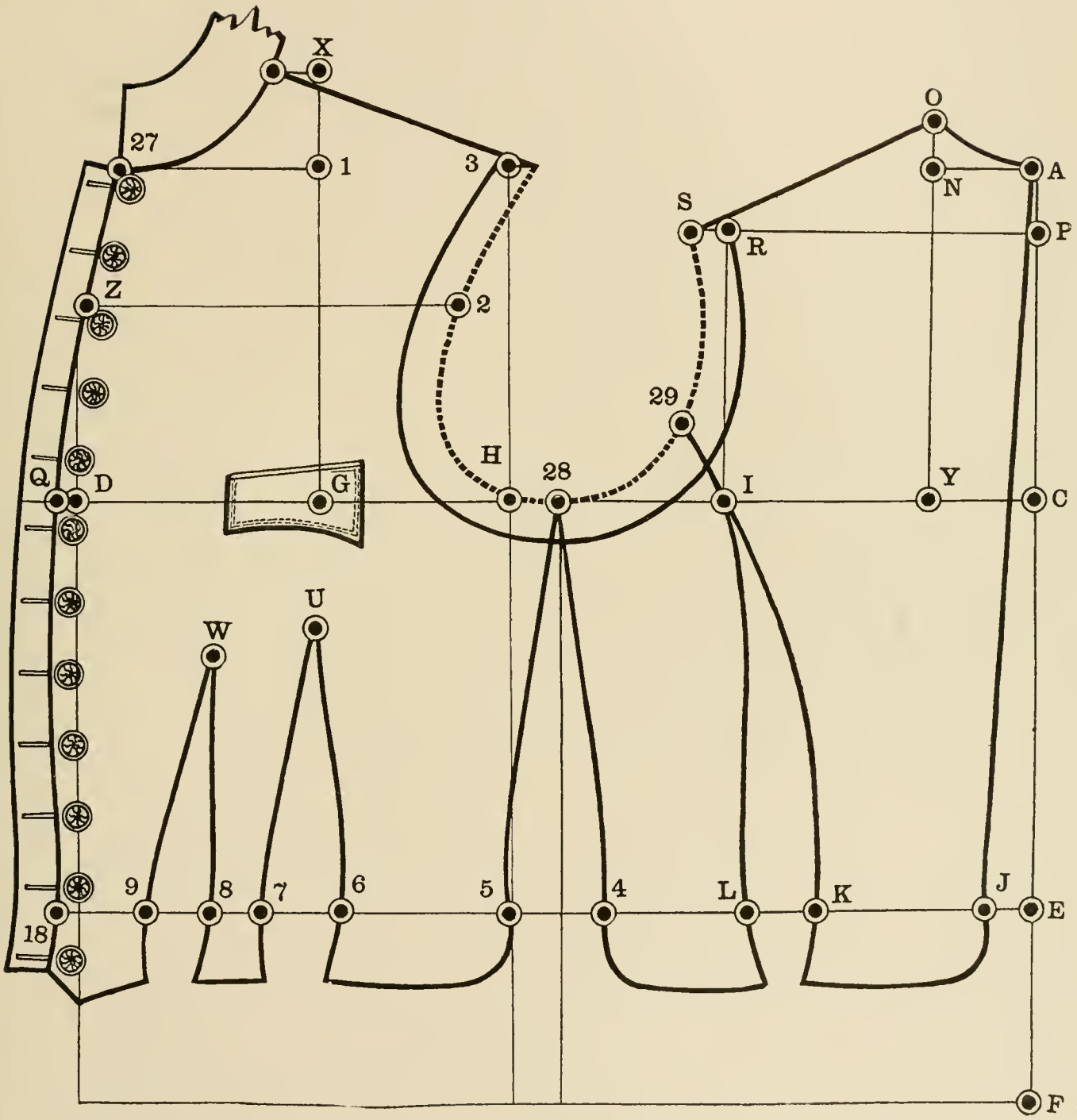


DIAGRAM 44

EMPIRE JACKET.

DIAGRAM 45

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First and Second Lessons
Our natural waist line is V.
Measure from the natural waist line up 2 inches to E.
E to J is ½ inch.
J to K is 3¼ inches.
K to L is ¾ of an inch.
L to 6 is 5 inches.
6 to 7 is 1 inch.
Take the center of L—K, which gives us point 5. Square down where line crosses on first hip; measure ¼ inch to 10 and ½ inch to 15.
Where line crosses on second hip, measure ¾ of an inch to 38 and 1 inch to 39.
On bust line, Y to U is 2 inches.
At back shoulder, O to T is 3 inches and T to S is 2¾ inches. Shape as shown.
28 to 30 is 6½ inches underarm measure.
Take the center of 6 and 7, which gives us point 9. Square down, where line crosses first hip, measure ⅜ inch to 14 and ¾ inch to 13.
Where line crosses second hip, measure ¾ inch to 37 and 1¼ inches to 29, and shape as shown.
Measure hip from 8 to 10, 15 to 14, 13 to 33, which is 20½ inches, ½ of hip measure.
33 to 18 is 1 inch allowed. This 1 inch is taken out between the dart on hip line, 16—17.
Measure back neck, A—O, 2½ inches.
Place these 2½ inches on point 32 at front neck and measure to 27, 15 inches neck measure.
Draw front line from Q through 18 to length of coat.
27 to D is 7¼ inches, the highest point of chest.
27 to 4 is 16 inches, length front of waist. Draw waist line from 30 to 4.
At front shoulder, 32 to 22 is 3 inches, the same as back shoulder, O T.
From Q on front bust line measure 3½ inches to W.
At waist linefrom the center front line measure 4 inches to 50.
Take out, between 50 and 51, ¾ of an inch.
At hip line, from 18 to 17, is 4½ inches.
17 to 16 is 1 inch.
At shoulder, from 22 to 20, 2 inches are taken out; these 2 inches we add on point 3, which gives us point 19.
Reshape armscye from 28 through H to 19.
Shape the two front gores as diagram shows.
To make garment double breasted, measure from front line, Q—18, 2½ inches, to 26, and for buttons measure the same distance back from front line, Q—18. Mark buttons as diagram shows. Cut garment bias.
In order to have garment without a seam from the waist line down, lay the front part of garment together at point 50 to 51 and cut in one, as shown in the illustration.
To obtain collar and lapel, measure from the deepest point of neck, 31 to 23, 1 inch.
Draw a line from the bottom of lapel at 26 through 23 to 24.
32 to 21 is 2¾ inches, or ¼ inch more than the neck measure, A—O.
Square over on line 24—26 1¼ inches to 25 for standing band, and over to 35 any desired width for collar. 35 to 36 is ½ inch spring for collar.
Shape back of collar from 25—24, 21 to 36.
Shape the colar and lapel as diagram shows.
Place a separate piece of paper under collar and trace out collar according to shape.
To trace lapel, break on line 26—24, turn paper under and trace out shape of lapel, which will be reversed on the opposite side.

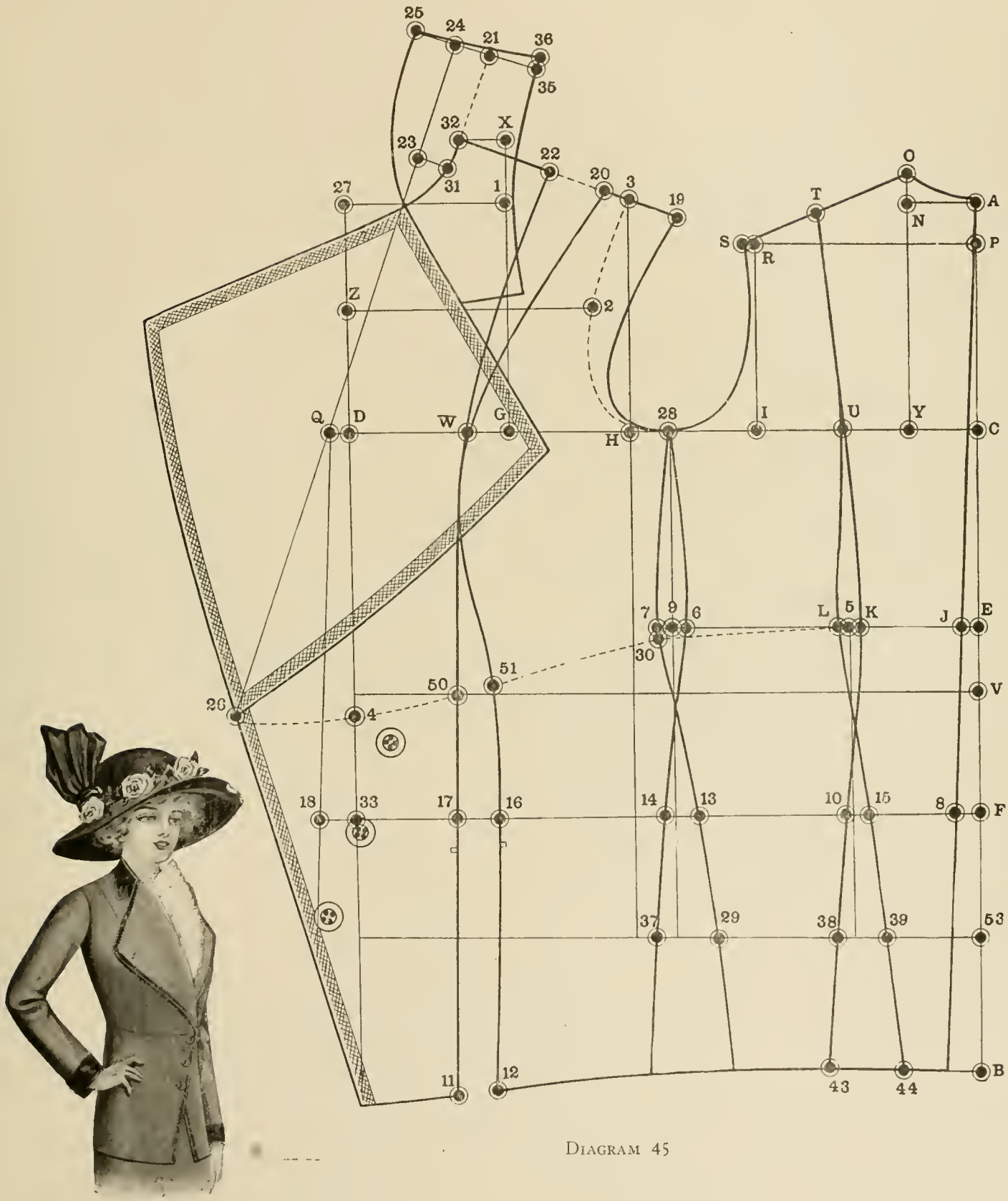

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DIAGRAM 45

HOW TO MAKE NORFOLK JACKET FROM BLOCK PATTERN

DIAGRAM 46

INSTRUCTIONS.

Use a block pattern, cut the box pleat any desired width, in this case 2 inches wide when finished.

To make back box pleat, draw straight line the length of coat, which is 2—19.

Allow 2 inches, which gives us points 3—18. For under pleat allow at top from 3 to 4, and 2 to 1 is 1 inch. At bottom, from 19 to 20 and 18 to 17, 1 inch. This forms the under pleat by creasing on line 3—18 and 2—19, turn under and stitch together 1—4—17—20 to the seam of coat.

Draft front box pleat from the front of block pattern. 22 to 33 is 1 inch; 33 to 6 is 2 inches; 6 to 5 is 1 inch. At bottom, 14 to B is 1 inch; 14 to 15 is 2 inches; 15 to 16 is 1 inch. Form the front pleat the same as back pleat.

To make belt, measure the distance from 39 to 38—37 to 34, which is the same distance from 11 to 9 and 12 to 10. Square over on line 9—10 to front of coat, from this point allow ½ inch to 7, and 1½ inches to 8. Shape belt as diagram shows.

For front collar and lapel, follow same instructions as given in diagram 19, page 42.

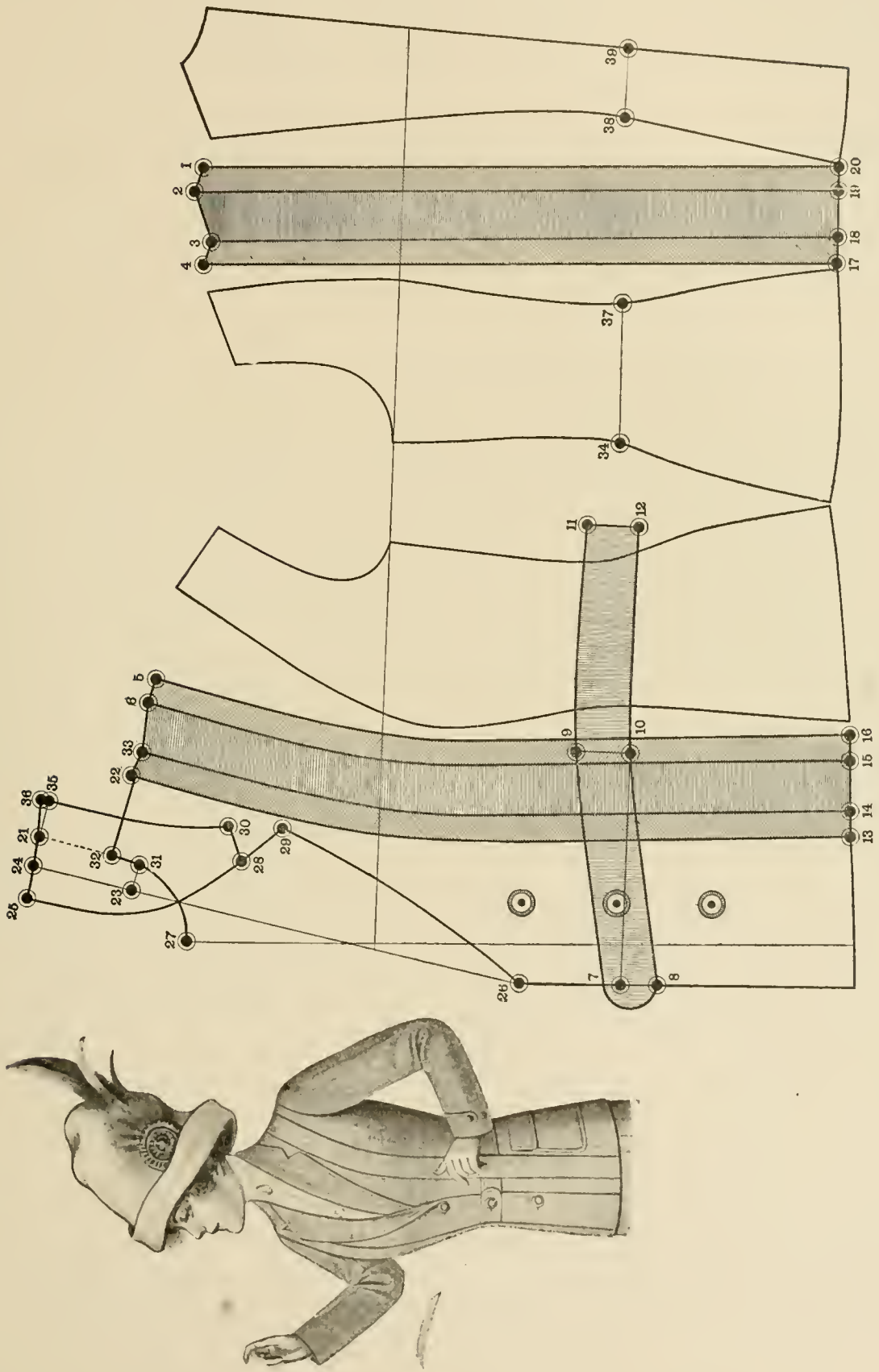

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DIAGRAM 46

NORFOLK JACKET

DIAGRAM 47

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	8¼—6 inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7—17 inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

For complete box follow same instructions as given in First and Second Lessons.
On back bust line from C to U is 4 inches, U to T is 2 inches.
At waist line in back, from E to J ½ inch. Draw line from A through J to full length.
J to K, 3 inches.
K to L, ½ inch.
L to 5, 2 inches.
5 to 49, ¼ inch.
49 to 7, 4 inches.
7 to 6, ¾ inch.

Take center of L K, square down where this line crosses on hip, measure ¾ inch to 15 for back part. For second gore in back, square up and down from points 5—L. For third gore in back, measure from point 48 on hip ¾ inch to 10.



Take center of 6—7, square up and down where this line crosses on hip, measure ⅜ inch to 14 and ¾ inch to 13; 28 to 53 is 8½ inches, length of underarm.

Draw new waist line from L to 53. Shape gores as shown.

To draft back yoke, measure from C on back bust line 1 inch to 55.

Take center of second gore on bust line, measure ½ inch down to 54. Point 29 is ¾ inch above bust line. Shape yoke from 55 through U-54—T—29. Measure hip from 56 to 15, 47 to 48, 10 to 14; 13 to 57 is ½ of hip measure, 20½ inches. From this point allow 1½ inches to 58, which is taken out between the two front darts at waist and hip line. Draw front line from Q through 58 to 20.

From 27 to M is 17 inches, length of waist in front. Draw new waist line from 53 to M.

From Q on front bust line measure 3½ inches to W, and W to V is 2 inches. Square down points W and V to full length.
Measure from W to 17, 3 inches, and from V to 16, 2½ inches for height of darts.
At front waist line from 37 to 9 is ½ inch taken out; 38 to 8 is 1 inch taken out, same distance on hip. Shape gores as shown.
To draft front yoke, measure from 4 on bust line, ½ inch to 3, and re-shape armscye from 3 to 2. Shape yoke from 3 through V—W to 34.
For double breasted collar and lapel follow same instructions as given in diagram 19, page 42.
Cut yoke from shoulder to bust line as shown in own in blouse shirt waist diagram. diagram 81, page 160.

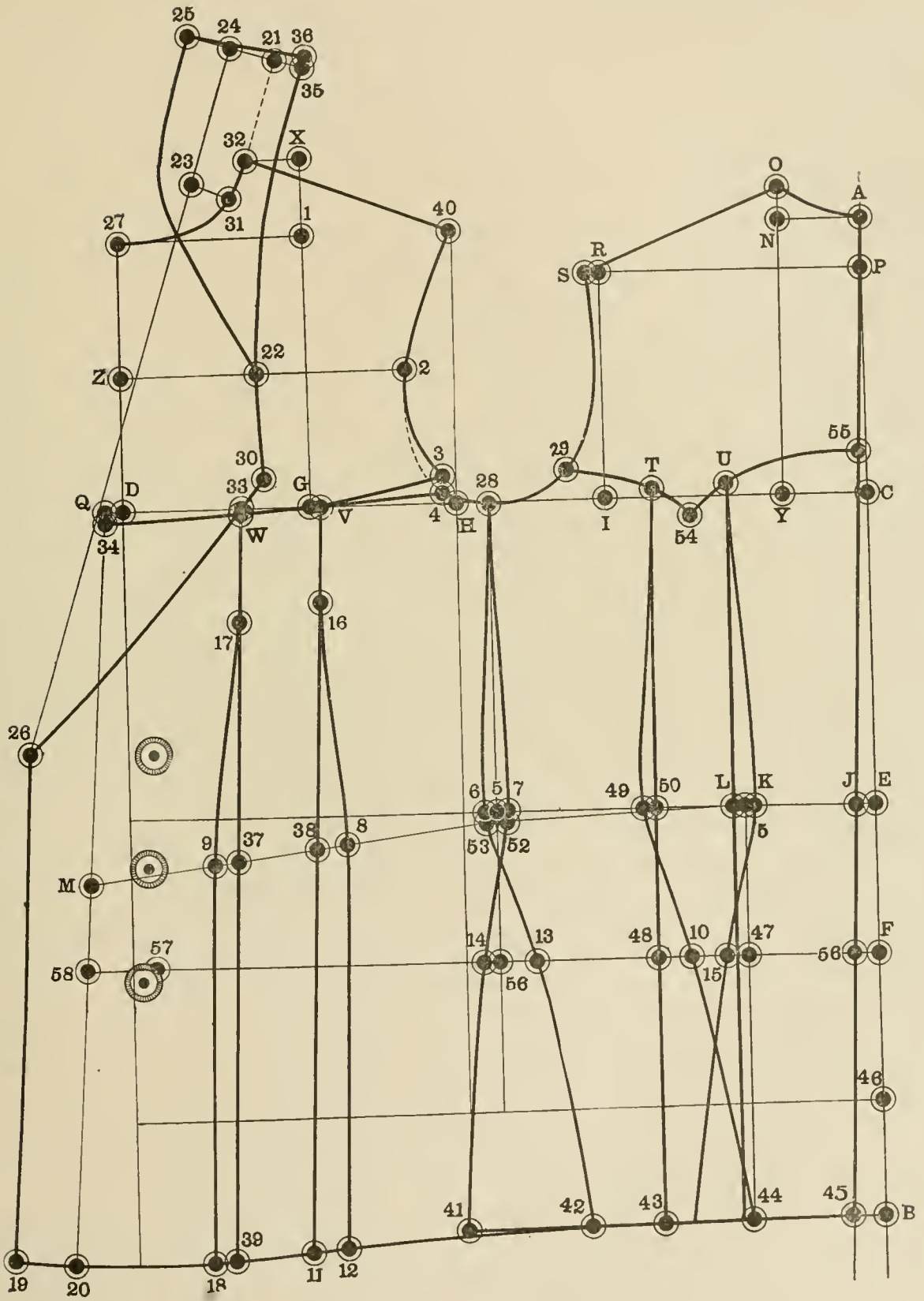

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Diagram 47

TO DRAFT NEW SLEEVE FOR DROP SHOULDER.

DIAGRAM 48

MEASURES.

Half of Back 7 inches To Elbow..... 19½ inches

Full Length 29½ inches

INSTRUCTIONS.

A to I is 7 inches across back; A to L is 19½ inches, elbow length; A to B is 29½ inches, full length; I to D is ⅛ of bust measure, less 1 inch, 3½ inches; I to M is 2 inches.

Square over all the given points on line A—B.

I to R is ¼ bust measure, 9 inches.

Square R to H. M to N is ⅛ of bust, 4½ inches. N to O is 1¼ inches.

Q to P is ½ inch; T to R is 1 inch; R to W is ⅛ of bust measure; H to G is 1 inch. K is the center of H—B. K to J is ½ inch.

Draw line from G to E. G to V is 3 inches. G to E is 6 inches.

Shape sleeve as shown.

The distance we allowed on shoulder from 43 to 4 and S to 9 is taken off from the top of sleeve.



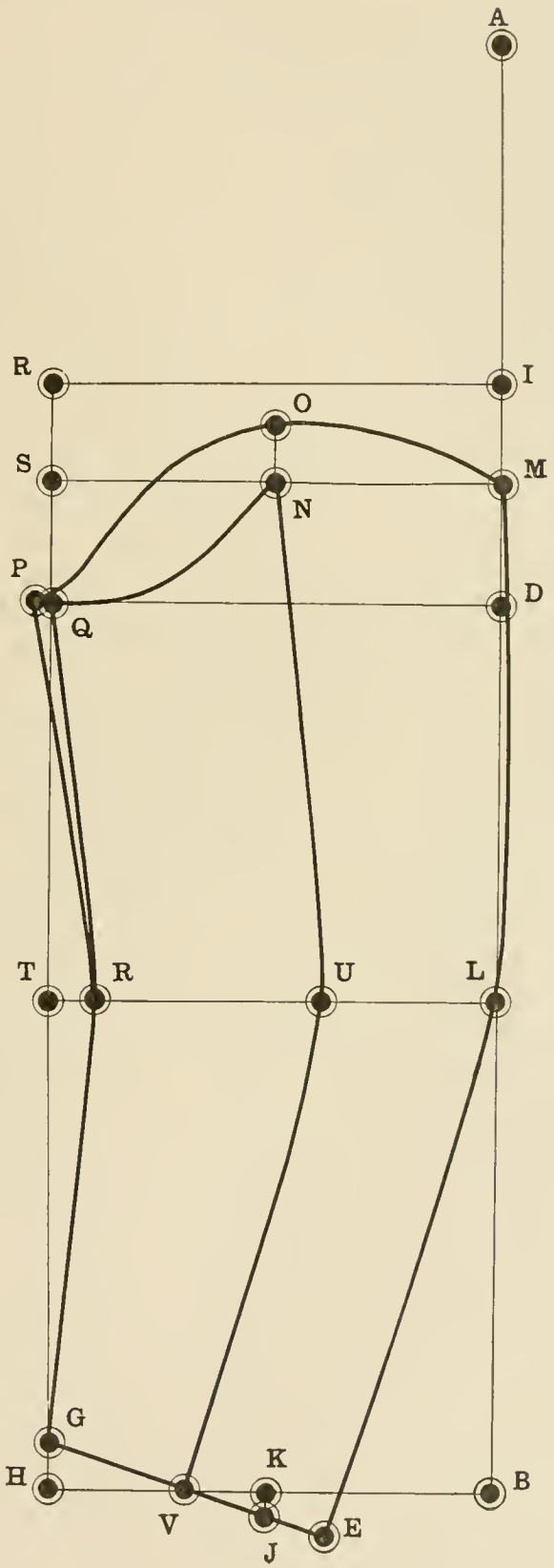


Diagram 48

SEMI-FITTING COAT, WITH VEST AND DROP SHOULDER.

DIAGRAM 49

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.
At waist line E to J is ¾ inch; I to K is 4 inches; K to L is ¾ inch; L to 6 is 4½ inches; 6 to 7 is 1 inch.
Draw back line A through J to B.
Take center of L—K which is 11, square down from this point where line crosses on hip, measure ¼ inch to 10 and ½ inch to 15.
Take center of 6—7, which is 5, square down from this point where line crosses on hip, measure ⅜ inch to 14 and ¾ inch to 13. Measure from 28 to 19—8½ inches length of underarm.
Draw new waist line from L to 19. Shape as shown.
At shoulder S to 38 is 3½ inches; R to U is 1½ inches. Square U on line R—1 to T, 2 inches.
Shape back shoulder as shown.
Measure hip F to 10, 15 to 14, 13 to 33—½ of hip 20½ inches.
33 to 18 allow 1½ inches. This 1½ inches we lose in front dart between 8—9 at waist, 17—16 at hip line.
27 to M is 17½ inches, length of waist in front. Draw front line Q—M—18 full length.
Draw new waist line from 19 to M.
At waist from M to 9 is 5 inches; 9 to 18 is 1½ inches.
At hip 18 to 17 is 5¼ inches; 17 to 16 is 1½ inches.
On bust line H to 40 is 3 inches; 29 is 2 inches above bust line. Lose ½ inch from 29 to 30. Re-shape arm-scye from 28 to 30. 34 to 3 is 2½ inches.
Square point 3, 2½ inches to 4.
Shape shoulders and gores as shown.
When the front seam of coat is more to the side of coat, it is necessary to place a dart under the lapel in order to give more Chest.
At shoulder 32 to 22 is 1 inch; 22 to 20 is 1½ inches taken out. This 1½ inches add on point 34 to 43.
On bust line Q to W is 2¾ inches. Shape dart as shown.
To make garment double breasted, collar and lapel, follow same instructions as given in diagram 19, page 42, with exception of making a notch collar.
To draft Vest. Shape the front line from 41 on box line through Q to 42. From this line measure out 1 inch for lap. Same distance back for buttons.
Shape vest as shown.
Connect vest at 20 at shoulder; on front 9—17.

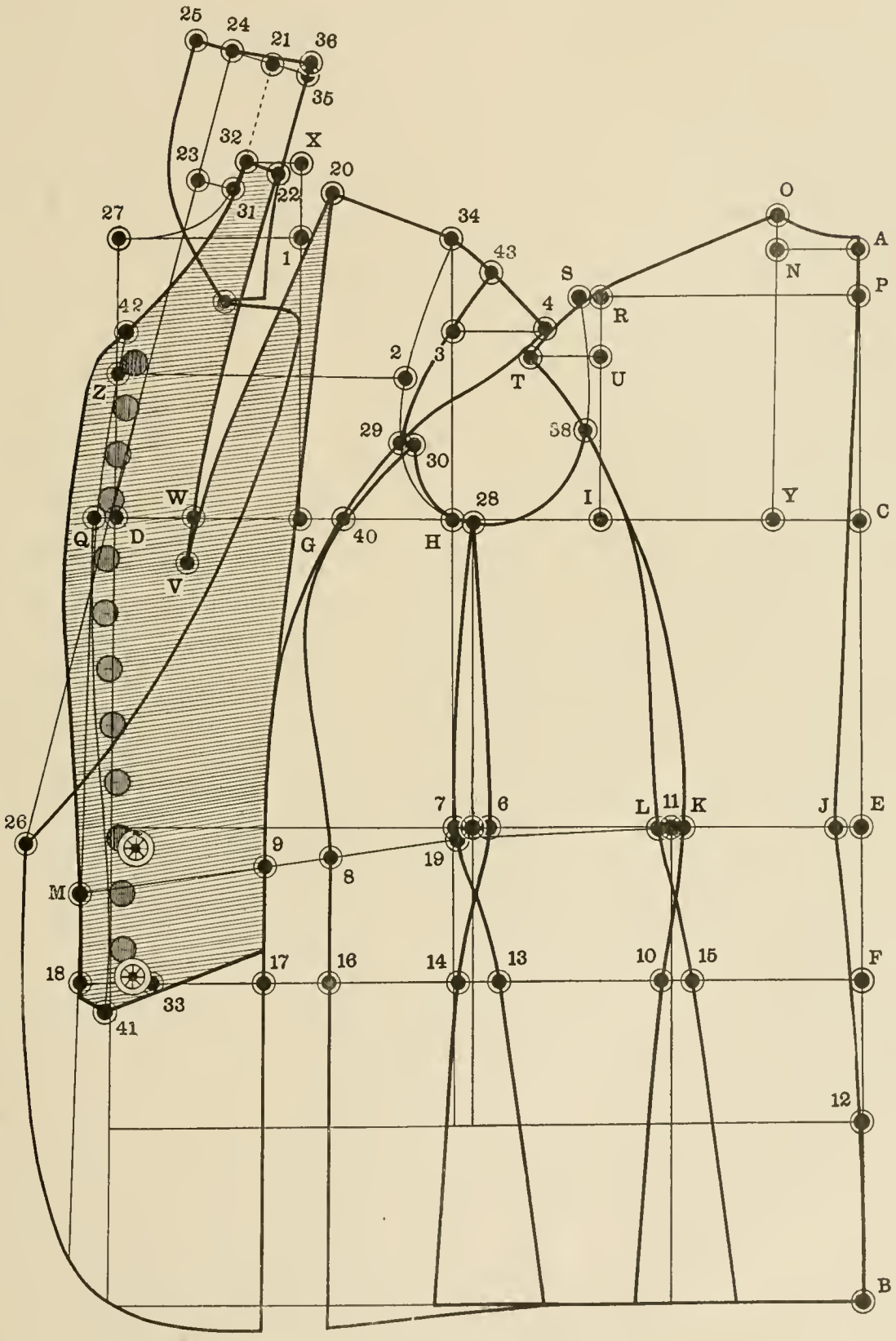

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Diagram 49

Collars

Leggins

Hoods

THREE-PIECE STORM COLLAR.

DIAGRAM 50

INSTRUCTIONS.

1. Draw line A—B 8 inches, ½ of neck measure. A to D is 5½ inches, and square lines to C and B.
2. Divide line A—B into 3 parts, making points J and I, which points square up.
3. From D to K is 1½ inches. From line J to points E and F respectively is ¾ inch, and from line I to G and H is the same.
4. Now shape collar as diagram shows.

CHILD'S TURN DOWN COLLAR

DIAGRAM 51

INSTRUCTIONS.

1. Draw line 33—35, which is 6½ inches neck measure. From 33 to 32 is 1½ inches; from 32—30 is 2 inches; go in to 31 ½ inch; from 35 to 34 is 2 inches, the height of collar.

 Now connect 32 with 35, 31 and 34.
2. From 34 to 29 is 2½ inches. From 29 to 28 is 1½inches. From 30 to 27 is 3 inches, and from 26 to 27 is ½ inch.

 Now connect 28 with 26 31—32 with 35—34 with 28, shape as diagram shows.

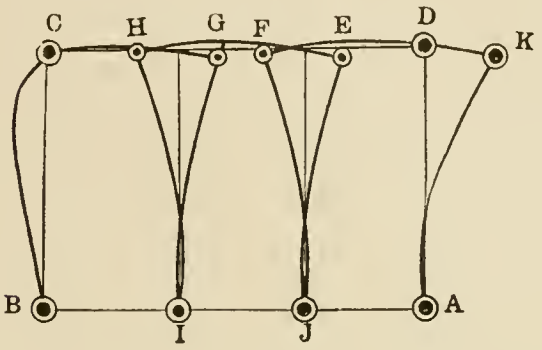


Diagram 50

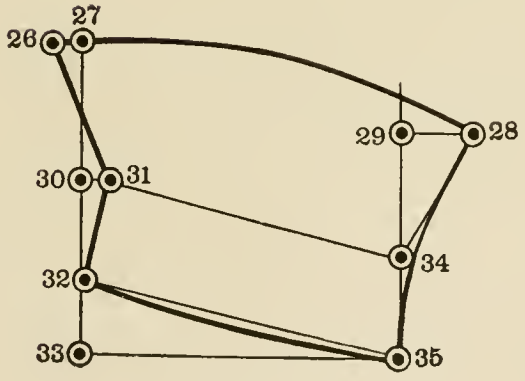


Diagram 51

STANDING COLLAR.

DIAGRAM 52

INSTRUCTIONS.

1. Draw line 19—24 16 inches, neck measure, and divide into half for point 23. Square point up.

 23 to 21 is 4 inches, and square to points 17—15.

2. 21 to 22 is 1½ inches; 24 to 16 is 1½ inches; 19 to 18 is 1½ inches; 17 to 20 is ¾ inch; 25—15 is ¾ inch.

 Now connect points, as shown in diagram.

TURN DOWN COLLAR.

DIAGRAM 53

INSTRUCTIONS.

1. Draw line 1—W 8 inches, ½ of neck measure, and square lines up. W to V is 1½ inches; 1 to Z is 2½ niches, height of collar. From V to U is 2½ inches, and ⅜ inch from line W—T.

2. Connect V with 1 and U with Z and shape, as shown in diagram.

3. Take center of line U—Z and measure from Y to X ¾ inch, and connect with curve line Z—X—U.

 Measure from Z to S 3 inches; S—R is 1¾ inches; draw line Z—R, which is same distance as U—T, and shape collar, as shown in diagram.

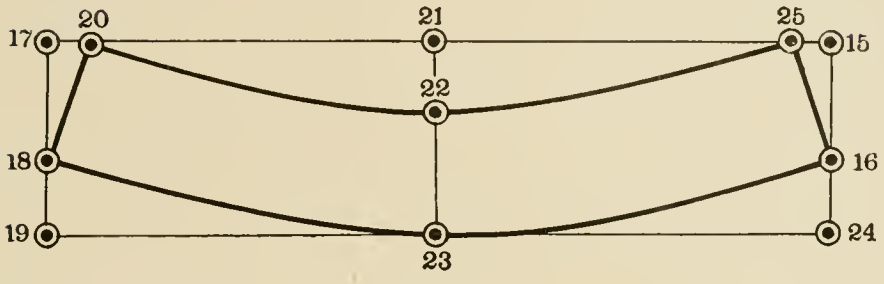


DIAGRAM 52

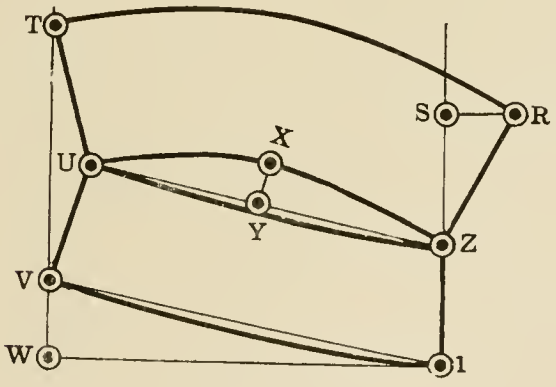


DIAGRAM 53

HOW DOLMAN MEASUREMENTS ARE TAKEN.

DIAGRAM 54

MEASURES.

Bust	38 inches	Underarm	8½ inches
Waist	25 inches	Across Back	14 inches
Hips	41 inches	Shoulder Heights Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	15 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

First Dolman: Take measure over arms, over fullest part of bust, as drawing shows, 1—2.

Second Dolman: Take measure from center of back, 2 inches above waist to elbow of lady standing in an easy pose, 3—4.

Inside elbow to wrist: Take measure from elbow to wrist, 6—5.



DIAGRAM 54

OPERA CLOAK.

DIAGRAM 55

MEASURES.

Bust	38 inches	Across Back	13 inches
Waist	25 inches	Underarm	9 inches
Hips	43 inches	Shoulder Heights Front	9— 7 inches
Across Chest	15 inches	Shoulder Heights Back	8— 5¾ inches
Neck	15½ inches	Neck Height to Waist	7—15½ inches
1st and 2d Dolman	46—10½ inches	Inside Elbow to Wrist	7½ inches

INSTRUCTIONS.

1. Draw line A—B. C is first Dolman (measure overarm at bust).
 C to A is 7 inches, length in back; E is waist; A to E is 15½ inches; F and B, first and second hip measure, 4 inches.
2. Square line C—E—F—B on line A—B.
 C—D is 23 inches first Dolman; D to Q is ½ inch allowance for breathing. Divide 19 inches, ½ of bust measure, into quarters, which is 4¾ inches, and measure off from D to G.
 From G to H measure off ⅛ of 19 inches plus 1½ inches; namely, 3⅞ inches.
 From C to I is 6½ inches across back measure. Find center of I and H, which is point 7. Draw line up on 7 to T, which is ¼ of ½ bust measure plus 1 inch; namely, 5¾ inches. Draw lines on H and D up and down, and up on I and G.
3. E to J is 1 inch. Draw line from J through C to M; M to C is 7 inches, length in back. C to P is 6 inches, second shoulder height back, and square off on line M—J.
 Measure from M to N 2½ inches.
 From P to R is 6½ inches, width of back; Y to O is 8 inches, second shoulder height in back; R to I is 5¾ inches, first shoulder height in back.
 From P to R is 6¼ inches, width of back; Y to O is 8¼ inches, second shoulder height in back; R to I is 6 inches, first shoulder height in back.
 From H to 3 is 7¼ inches, first shoulder height in front.
 G to X is 9 inches, second shoulder height in front.
 X to 1 is 2 inches. This varies according to size, more for larger, less for smaller sizes.
 Square point 1 to point 27 and intersect line at 3.
 Point W is 1 inch above bust line and 2 inches from line I; from line H is the same as point 4. Now connect M—O—R—W— and W—T—4 to line 3.
 X to line 3 is same distance as O to R. Draft neck curve front X—27.
4. Hip measure is 21¼ inches; half of 21¼ is 10¾ inches; measure this from 17 to 18.
 Now draft front line 27—Q—18 to 47, which is length of garment. This is a perfectly straight line.
 In order to get length of garment in back, measure from M to 49, 58 inches, and square on line A—B as diagram shows.
5. In order to get the minimum fullness of garment at bottom multiply bust measure, 19 inches, by 2¼, which gives 42¾ inches: measure this from 47 to 48.
 Now draft a nicely shaped line from J to 48 as shown.
 Sweep at bottom 48 to 27 is slightly curved. This completes garment.

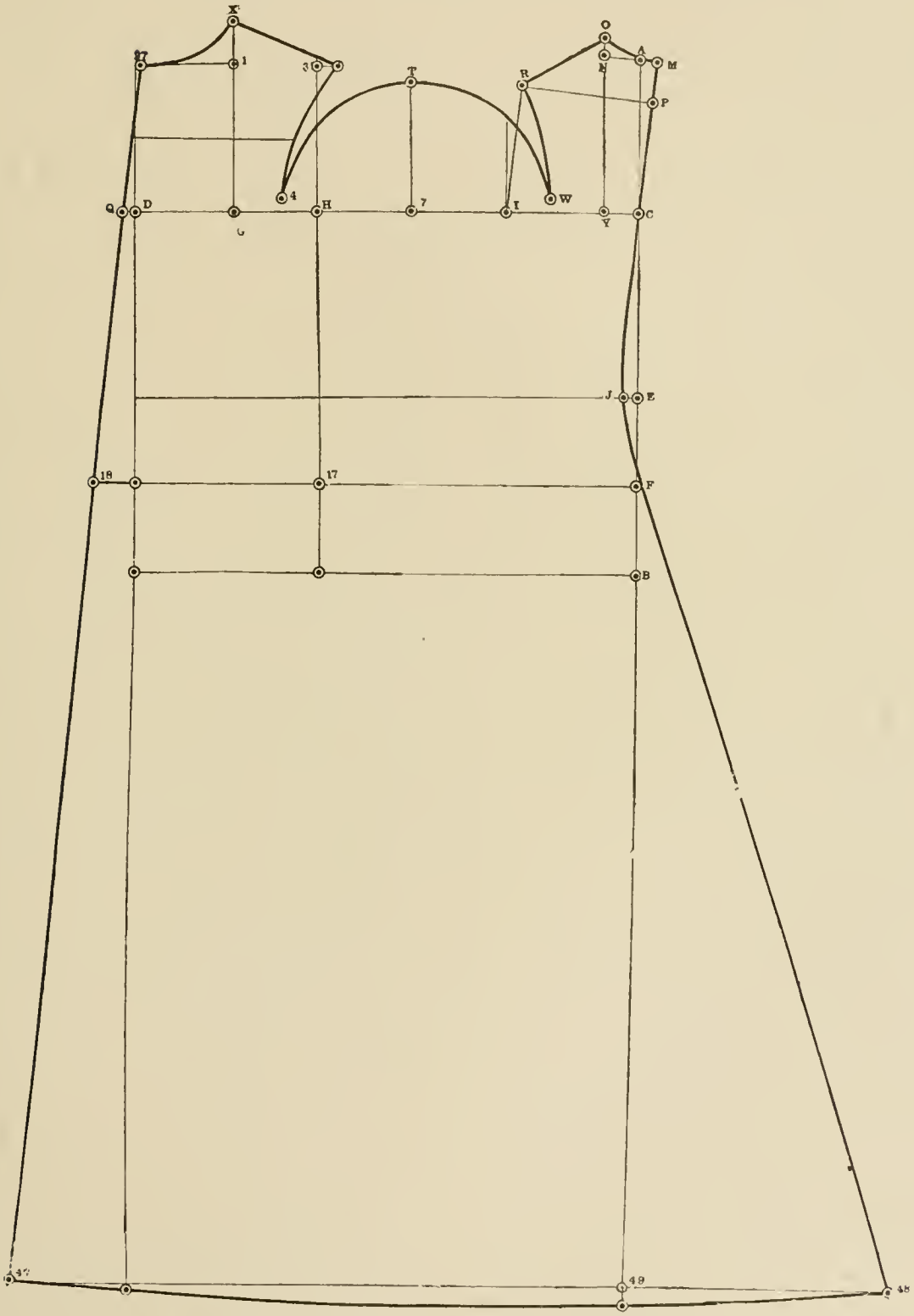


Diagram 55

ULSTER WITH DOLMAN SLEEVE.

DIAGRAM 56

MEASURES.

Bust	38 inches	Shoulder Heights Front	9— 7 inches
Waist	25 inches	Shoulder Heights Back	8— 5¾ inches
Hips	43 inches	Neck Height to Waist	7—15½ inches
Across Chest	15 inches	Across Back	13 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches

Inside Elbow to Wrist 7½ inches

INSTRUCTIONS.

1. Use same construction lines as on Opera Cloak on previous page.

 For back part follow diagram 58, page 115, with the exception from J toK, which is 2 inches, and draw line up from K to S. This is called Dolman back.

 A to 49 is 58 inches, full length of garment. For plaits in back follow our diagram.

2. The first Dolman is 23 inches; use this measure to get point Z, by placing your measure at D and measure to Z, less 6½ inches across back measure. Find center of H—Z, namely 7, and go up to T, which is ⅛ of bust plus 1 inch, 5¾ inches. Z to 2 is same distance as W—I.

3. 4 is 1½ inches above bust line and 1½ inches from line H. The shoulder height and neck front are same as in diagram 58, page 115. Front line is same as Opera Cloak lesson.

4. Second Dolman is always 2 inches above waist line point 26. Second Dolman measure is 10½ inches; 26 to 6 is 10½ inches, less back 19—16. Now connect 6—2—T—4 and to line 3.

5. From 6 draw line to 48, which is 2½ times 19 inches bust measure, less back. Follow diagram for plaits on this line, same as on back.

 Sweep same in previous lesson, Ulster No. 1, diagram 68, page 136.

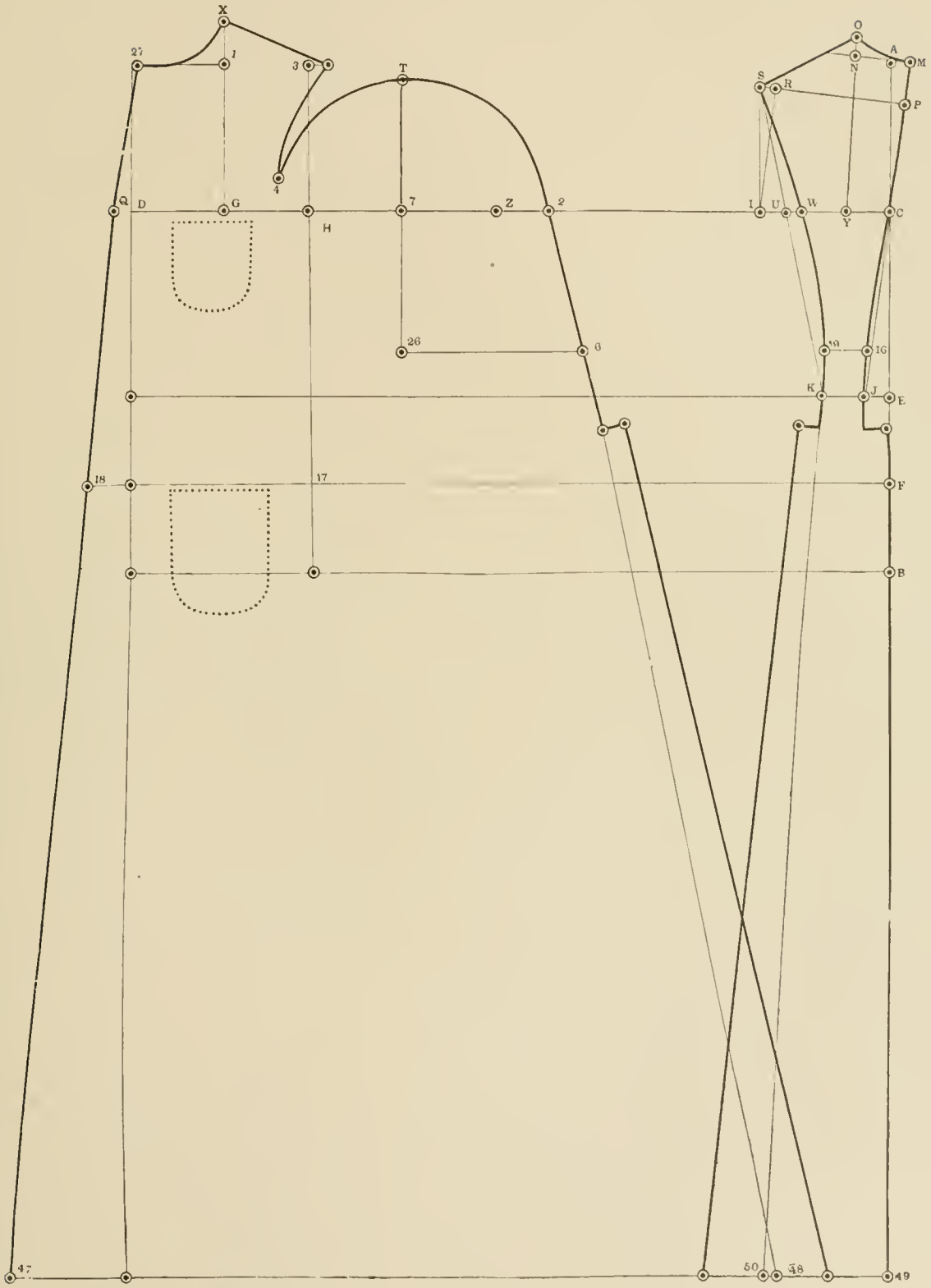

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Diagram 56

FICHU NO. 3.

DIAGRAM 57

MEASURES.

Bust	38 inches	Shoulder Heights Front	9— 7 inches
Waist	25 inches	Shoulder Heights Back	8— 5¾ inches
Hips	43 inches	Neck Height of Waist	7—15½ inches
Across Chest	15 inches	Across Back	13 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches
		Inside Elbow to Wrist	7½ inches

INSTRUCTIONS.

1. Follow instructions as in Opera Cloak Lesson No. 1, with exception of following points:
2. A to C is straight; E to J is ¾ inch, and shape back as shown.
 2 to Z is 3 inches, and shape bottom of Fichu as shown from F through Z to L on front line, or any desired shape.

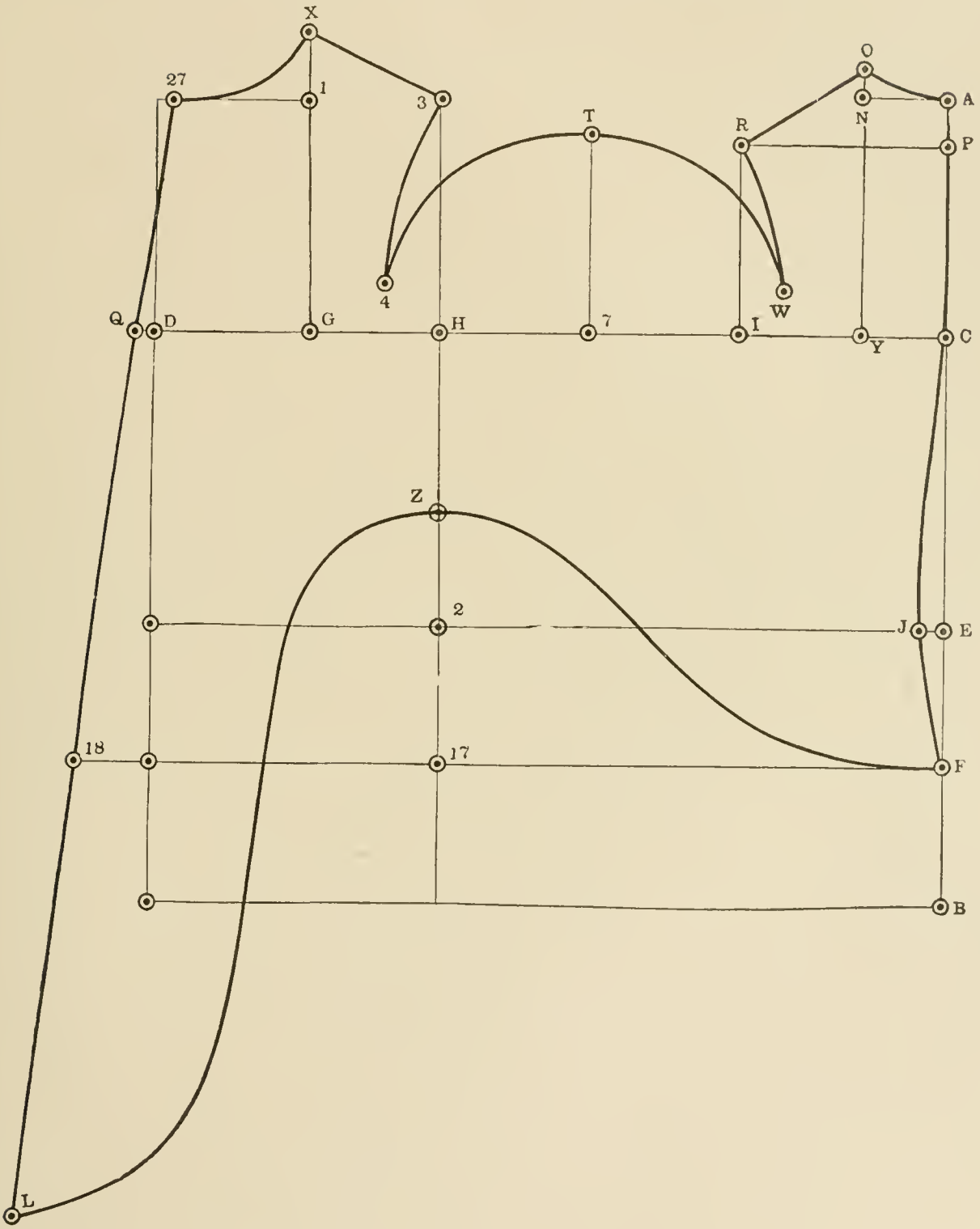


Diagram 57

FICHU NO. 4.

DIAGRAM 58

MEASURES.

Bust	38 inches	Shoulder Height Front	9— 7 inches
Waist	25 inches	Shoulder Heights Back	8— 5¾ inches
Hips	43 inches	Neck Height of Waist	7 - 15½ inches
Across Chest	15 inches	Across Back	13 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches

Inside Elbow to Wrist.....7½ inches

INSTRUCTIONS.

1. Follow instructions of Dolman No. 2.
2. For plaits follow our diagram closely.
3. Curve from E to Z, which is 3 inches above waist line, same as Fichu No. 3, with the difference of shape in front.

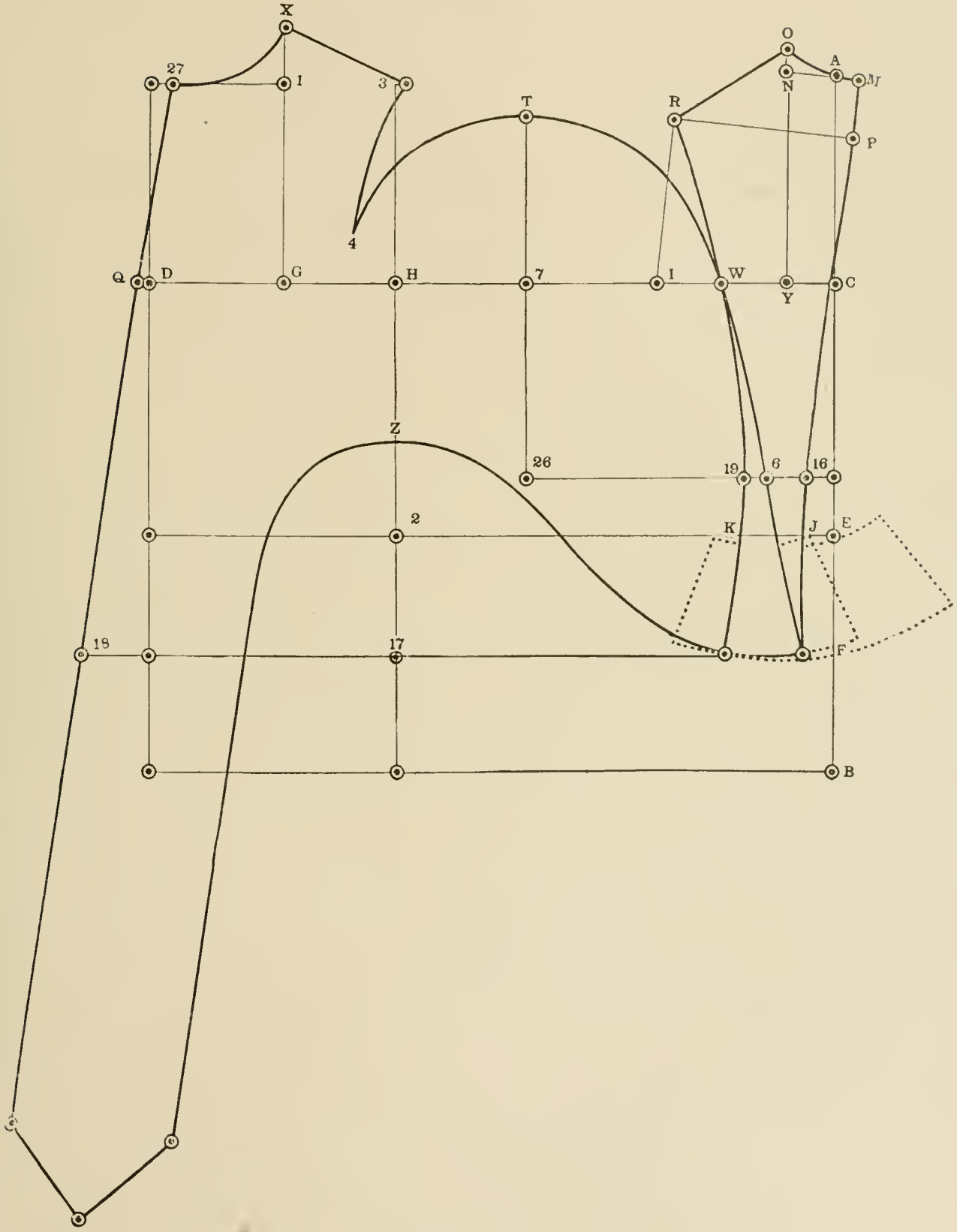


Diagram 58

DOLMAN NO. 5.

DIAGRAM 59

MEASURES.

Bust	38 inches	Shoulder Heights Front	9— 7 inches
Waist	25 inches	Shoulder Heights Back	8— 5¾ inches
Hips	43 inches	Neck Height to Waist	7—15½ inches
Across Chest	15 inches	Across Back	13 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches

Inside Elbow to Wrist..... 7½ inches

INSTRUCTIONS.

1. Follow instructions of Dolman No. 2 for construction lines back and front. Measure hip the same to obtain 18.

 Now measure D to H on bust line, which in this case is 8⅝ inches; deduct this from Dolman 23 inches, and measure balance, 14⅜ inches, from C to Z on bust line. Divide Z and I into half for point 7 and go up to T 5¾ inches, which is ¼ of bust plus 1 inch; go down from 7 to 26 to 2 inches above waist line, giving second Dolman point.

2. Draw second Dolman line from 26 to 16. Measure 16—19 width of back 2 inches; 10½ inches, second Dolman, minus 2 inches leaves 8½ inches, which is measured from 26 to point 6. From H to 4 is a loss of 1 inch; this inch is made up by going from Z to 35 toward front.

 Inside sleeve from elbow to wrist is 7½ inches; this is measured from 36 to U, the same from 2 to V. U to L is a straight line down; L to 13 is 1 inch. Now connect line U—13 and 15. From U to 15 is 16 inches, length of sleeve.

 Now draft curve, starting at 6 to W through T—35 and U. From 6 to S is a slight curve backwards. Connect S with 15 as shown.

 Now connect V with 47 as shown, and V—4 up to shoulder front.

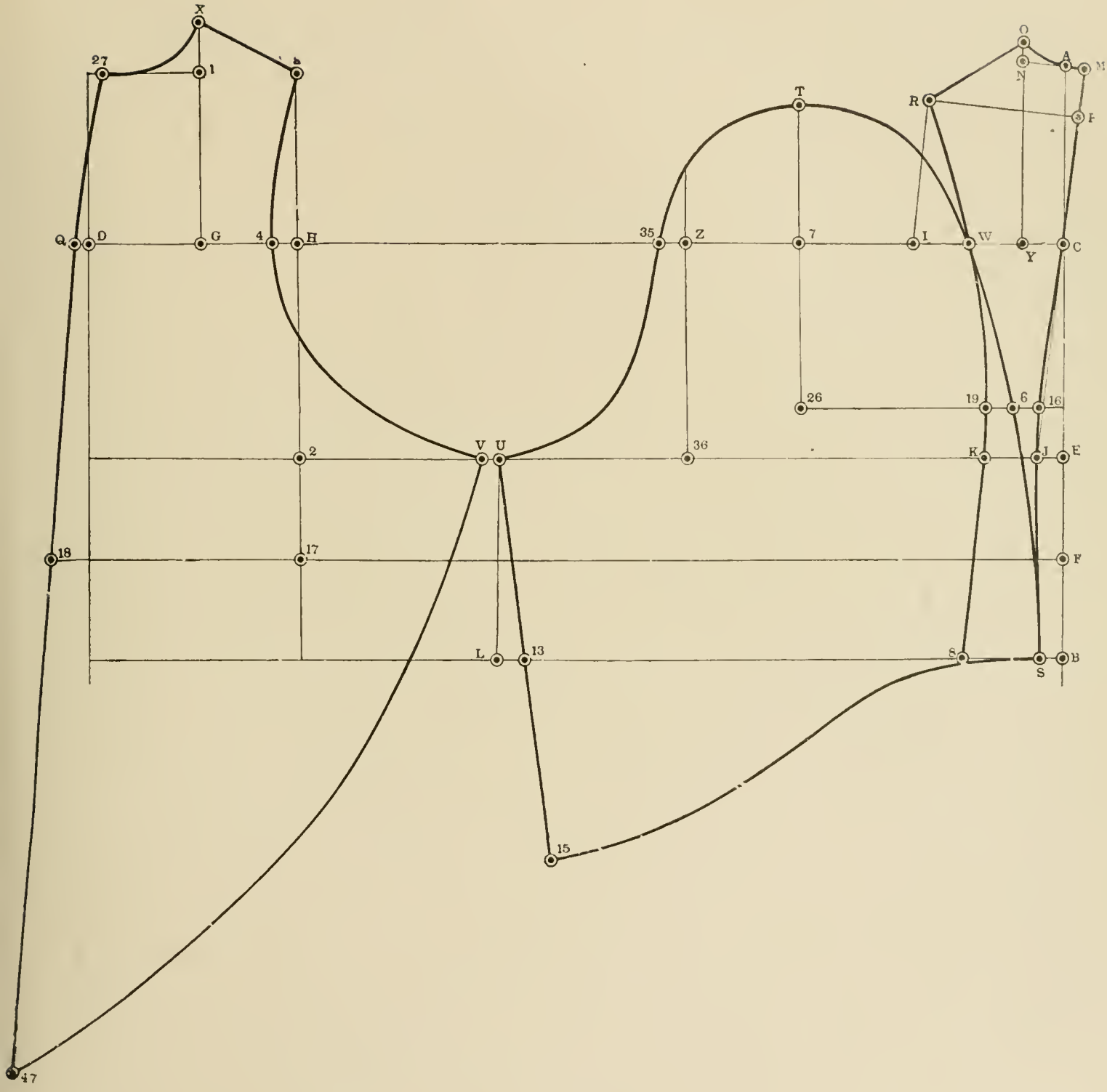

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Diagram 59

DOLMAN NO. 6.

DIAGRAM 60

MEASURES.

Bust	38 inches	Shoulder Height Front	9— 7 inches
Waist	25 inches	Shoulder Height Back	8— 5¾ inches
Hips	43 inches	Neck Height to Waist	7—15½ inches
Across Chest	15 inches	Across Back	13 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches
Inside Elbow to Wrist	7½ inches		

INSTRUCTIONS.

1. Follow instructions of Dolman No. 5 and note the change of back. E to J is 1 inch. Point W is 1½ inches from line R—1 and bust line.
2. From 35 to 11 is ¼ inch; now draw line 11—30 to 13; 30 is 10 inches from V. 17 to V is 2½ inches. Now connect points 3—4—V—16—10—47, as diagram shows.
3. Place separate piece of paper under sleeve and trace 13—10—11 to U.

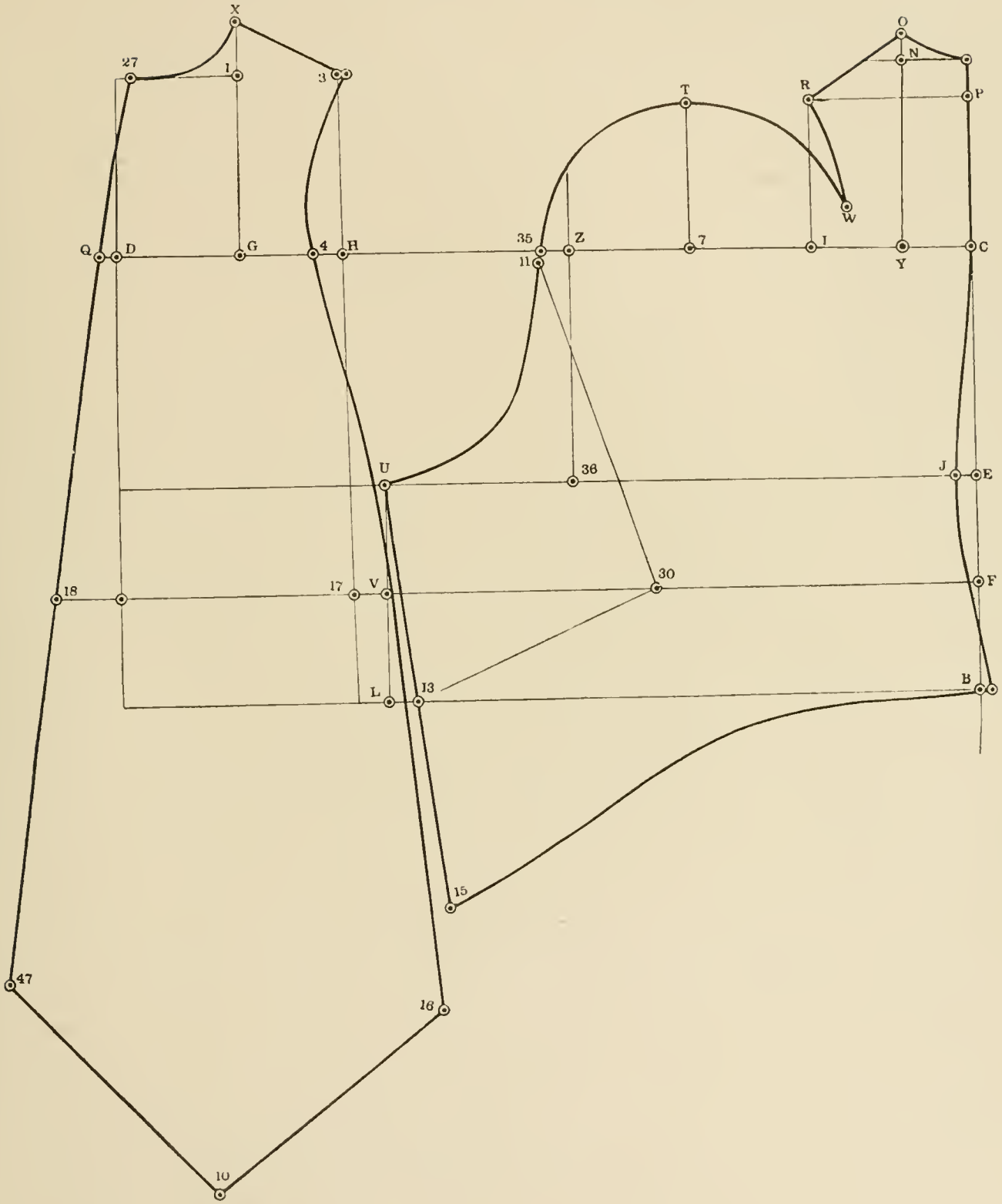

X
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36
J
E
18
17
V
30
F
L
13
B
15
47
16
10

Diagram 60

DOLMAN NO. 7.

Diagram 61

MEASURES.

Bust	38	inches	Shoulder Heights Front	9— 7	inches
Waist	25	inches	Shoulder Heights Back	8— 5¾	inches
Hips	43	inches	Neck Height to Waist	7—15½	inches
Across Chest	15	inches	Across Back	13	inches
Neck	15½	inches	Underarm	9	inches
Length Waist in Front	8—18	inches	1st and 2d Dolman	46—10½	inches
Inside Elbow to Wrist	7½	inches			

INSTRUCTIONS.

1. Follow instructions of Dolman No. 5 for back and front, with exception of following:

2. 35 to 11 is ¼ of an inch. Point 41 is half way between waist and hip line. For under sleeve connect line 41 and 11. The V shapes are 1 inch between 21—40 and 34—22, and are 5 inches deep to points 30—29.

 Now break hip line 13—10 and turn under, and trace 10 to 41—22 to 30—34—40—29—21—11—U—13.

 18 to V is hip measure less back, namely, 21½ inches.

 V to 15 is 2 inches. Now conect 3—4—15 and 15 with 39. Take out 2 darts in V shape, 1 inch between 42—37 and 28—23, making them 5 inches deep to points 38—25. Now shape line 39—47 as diagram shows.

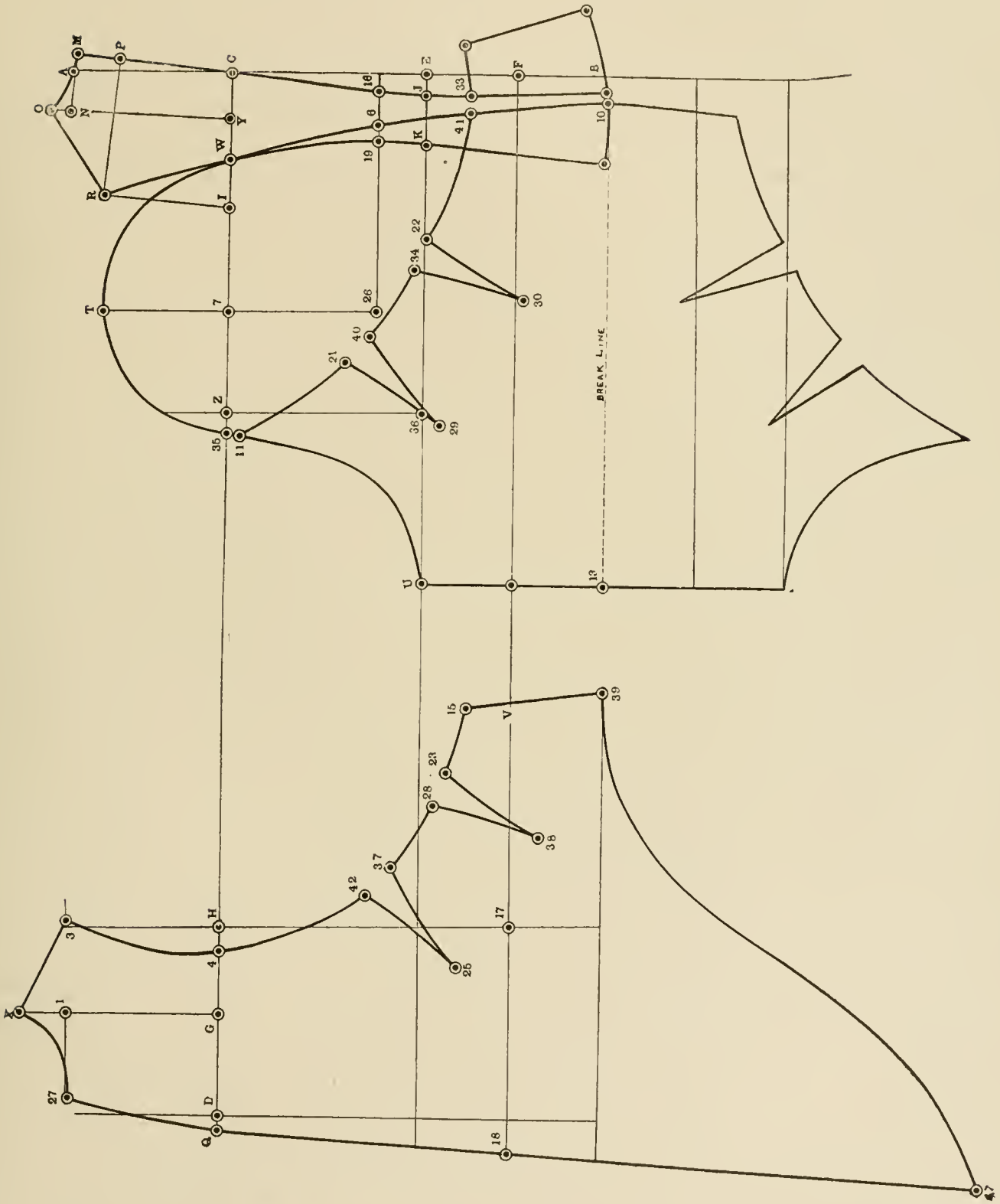


DIAGRAM 61

DOLMAN NO. 8.

DIAGRAM 62

MEASURES.

Bust	38 inches	Shoulder Heights Back	8— 5¾ inches
Waist	25 inches	Neck Height to Waist	7—15½ inches
Hips	43 inches	Across Back	13 inches
Across Chest	15 inches	Underarm	9 inches
Neck	15½ inches	Underarm	9 inches
Length Waist in Front	8—18 inches	1st and 2d Dolman	46—10½ inches

Inside Elbow to Wrist..... 7½ inches

INSTRUCTIONS.

1. Follow instructions of Dolman No. 7 for back with the following exceptions:

 8 to 45 is 2 inches. 45 to 41 is 1 inch. Connect 45 with 11 and take out 2 Vs, same as Dolman No. 7.

 L to 13 is 1 inch, and connect with 23, which is center between waist and hip. Now break line 13—23 and follow same rules as Dolman No. 7.

2. D to 43 is bust measure less W—C, width of back plus 1 inch; namely, 15½ inches. 43 to 46 is 2 inches down, same as 8 to 45 in back. Connect 46 with 31, going slightly out.

 From 25 to 24 is 1½ inches, and 2—29 is also 1½ inches. Divide 25—24 into half and square down; and 2—29, and square up and down.

 Now shape gore from 52 to 24—46—9 to 39—51 and front 37 to 2—9—4—3. Shape bottom 37 to 47, following diagram closely.

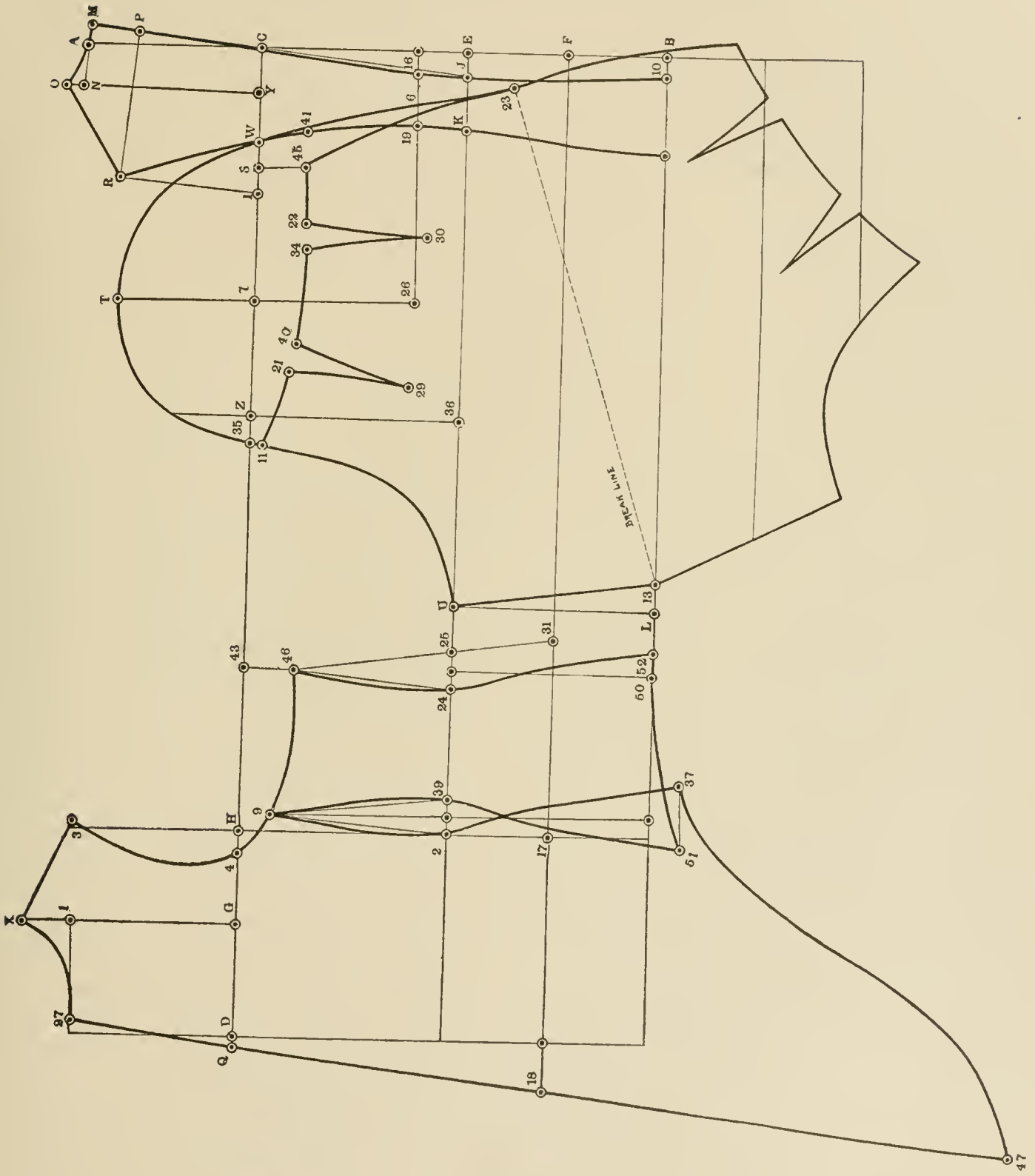


Diagram 62

CAPE WITH ONE DART.

(38 inch Bust.)

DIAGRAM 63

INSTRUCTIONS.

1. Draw line A—B and square to D.

Take jacket pattern, front and back, and place same in square as shown with dotted lines.

Let C be 8 inches and H 8½ inches from A, E to F is 1½ inches at waist, which leaves a space of 1 inch between M and N and ¾ inch between L and O.

L—M—K gives dart on shoulder.

Use A as a pivot and sweep to any desired length.

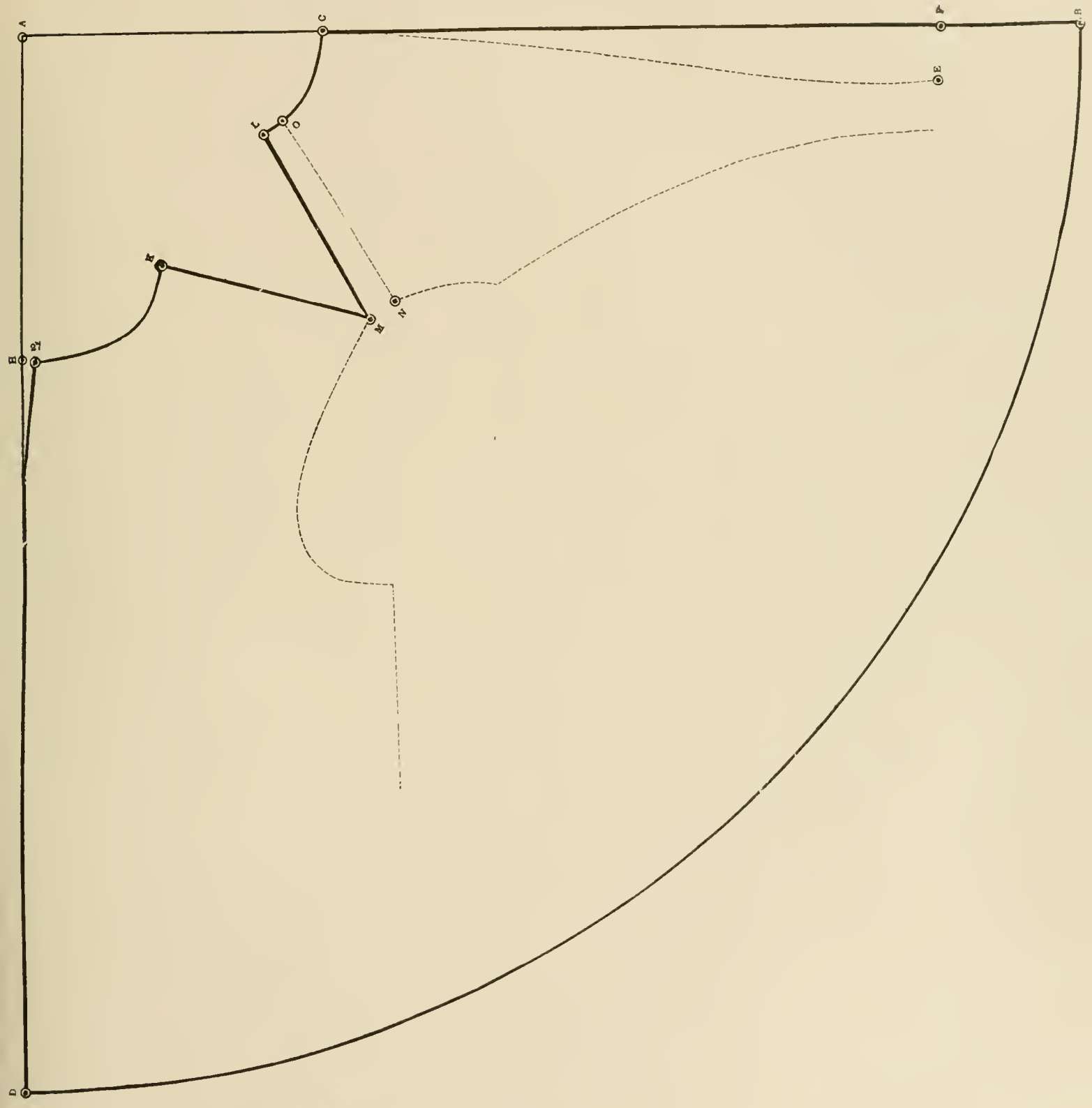


DIAGRAM 63

CAPE WITH TWO DARTS.

(38 inch Bust.)

DIAGRAM 64

INSTRUCTIONS.

1. Use same rule as for previous cape and find center of N and M; namely, R, and connect with a guide line to A.

2. T and S are 1½ inches from R.

 P and L is ¾ inch from Y. Square Y on line A—R. Do same with point R. For darts connect O—T—L—P—K to 27. Use A as a pivot and sweep to any desired length.

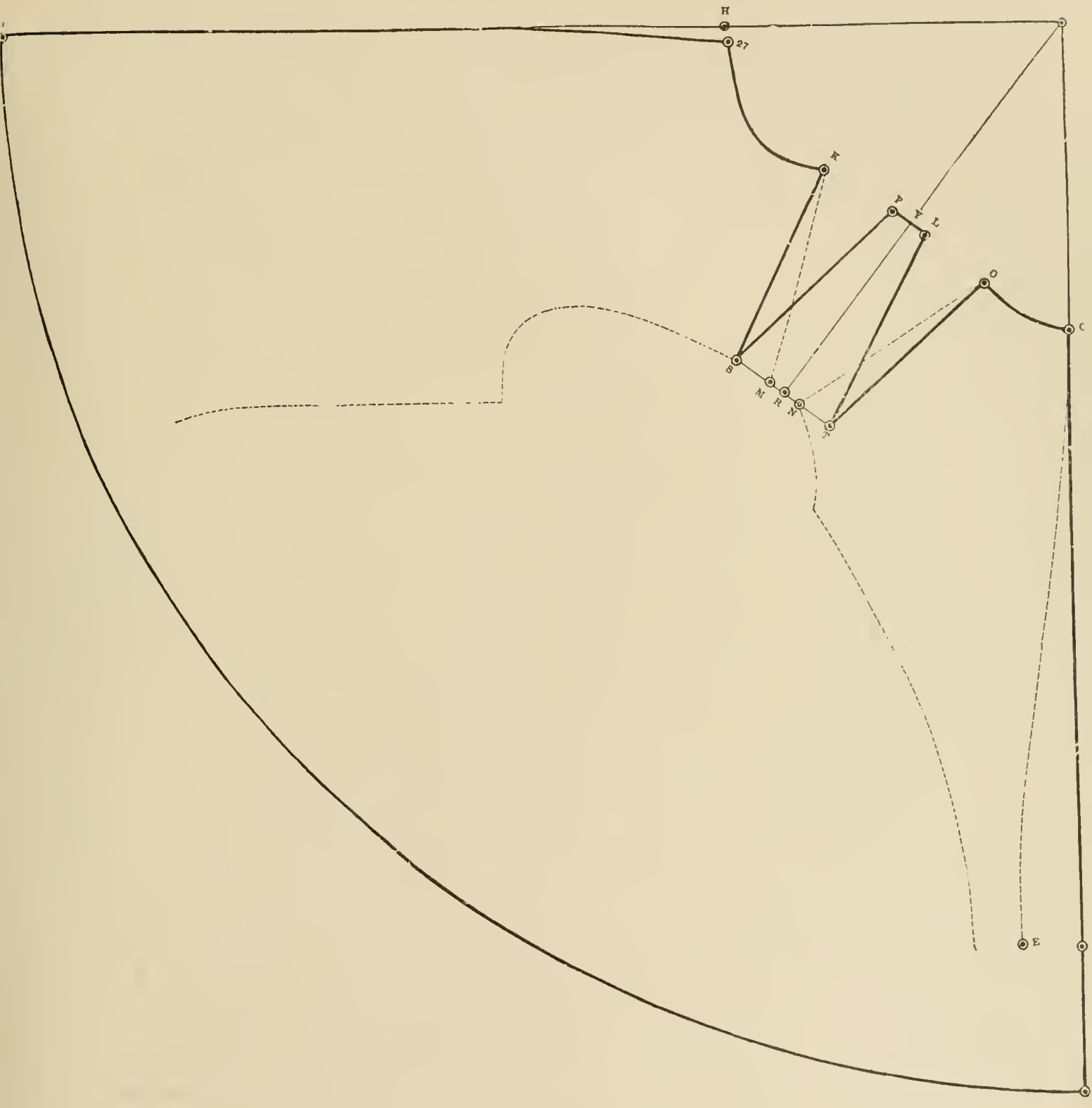


Diagram 64

COACHMAN'S FUR CAPE.

DIAGRAM 65

MEASURES.

Bust 38 inches First Dolman..... 40 inches

INSTRUCTIONS.

1. For box, use same rule as our loose front Jacket No. 1, only making it to the waist line. Draft shoulders, neck curves, at front and back, same as Lesson No. 2.

2. From front shoulder take ½ inch off and allow this on back shoulder, as shown. This is to bring shoulder seam right in center of shoulder. From I to T is 4 inches; increase or decrease this distance ½ inch for respective sizes. Now draft line from L through S and T and slightly toward front to K; this completes back.

 Measure distance T to C, which in this case is 10 inches, and place this 10 inches on front point D, and measure Dolman 23 inches, giving point 8. Now draft line from V through 2, through 8 and slightly toward back to W. This completes diagram.

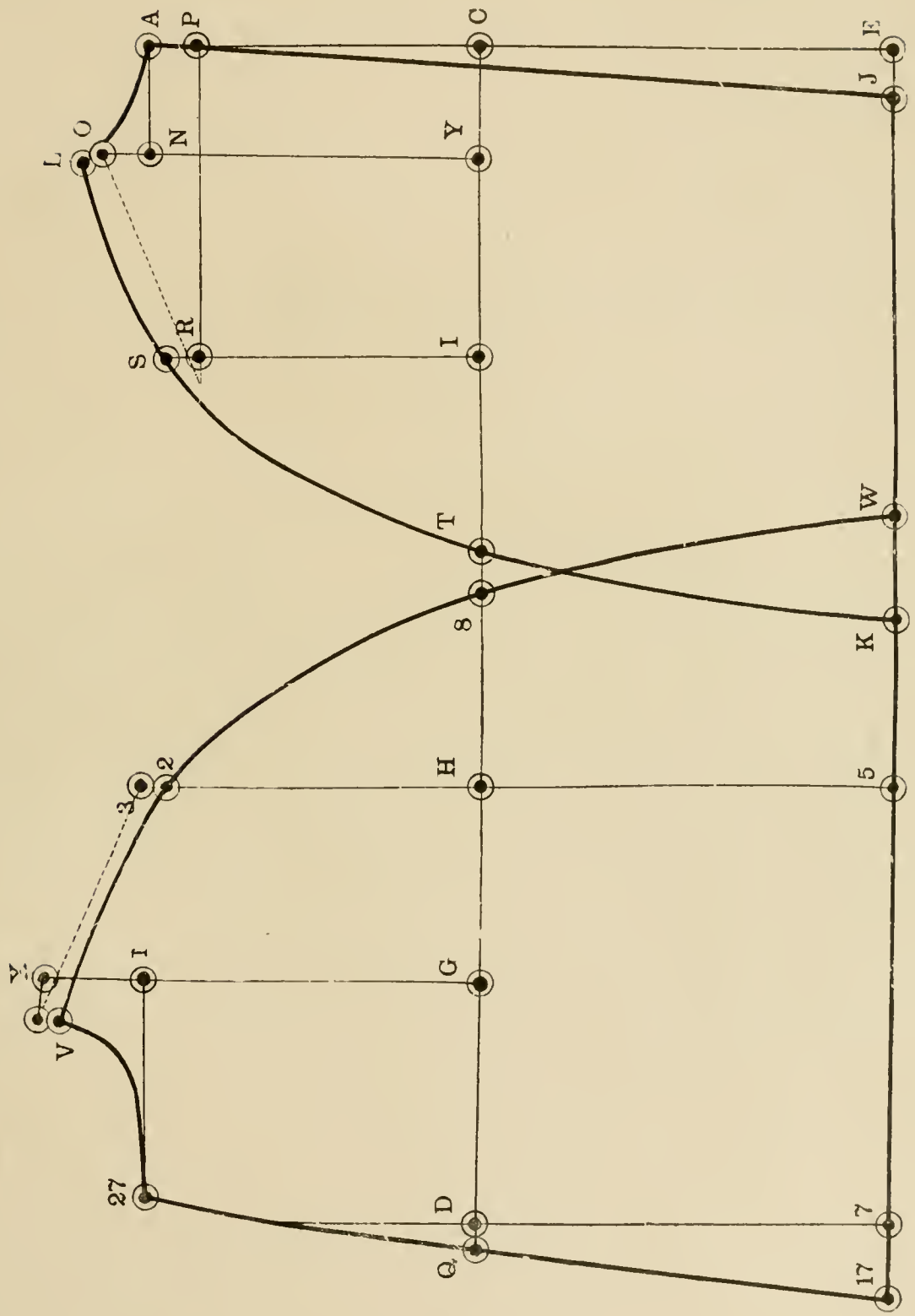


Diagram 65

HOW TO GRADE MONTE CARLO OR LOOSE BOX COAT

DIAGRAM 66

FRONT—FIGURE 1.

To grade from 36 to 38 bust:

Your heavy line in this diagram shows your 36 bust, FRONT PART.

Mark out your front A, B and C, then raise your shoulder 3-16 of an inch to obtain your 38 shoulder, G, R, H and T.

After this has been done, move your front ⅛ of an inch over (parallel with front) half way between 3 and 4, and grade your dart R, I, H.

Then move your front ⅛ of an inch again over to point 4 (parallel with front) to obtain armscye, 10—T.

Bring your pattern down to original shoulder, keeping front on point 4, and continue armscye, 10 to Z.

Underarm seam is graded ½ inch from O to Z, straight down to K and Y.

To grade down from 36 to 34, use the same instructions as above, only grading down, using the same measurements.

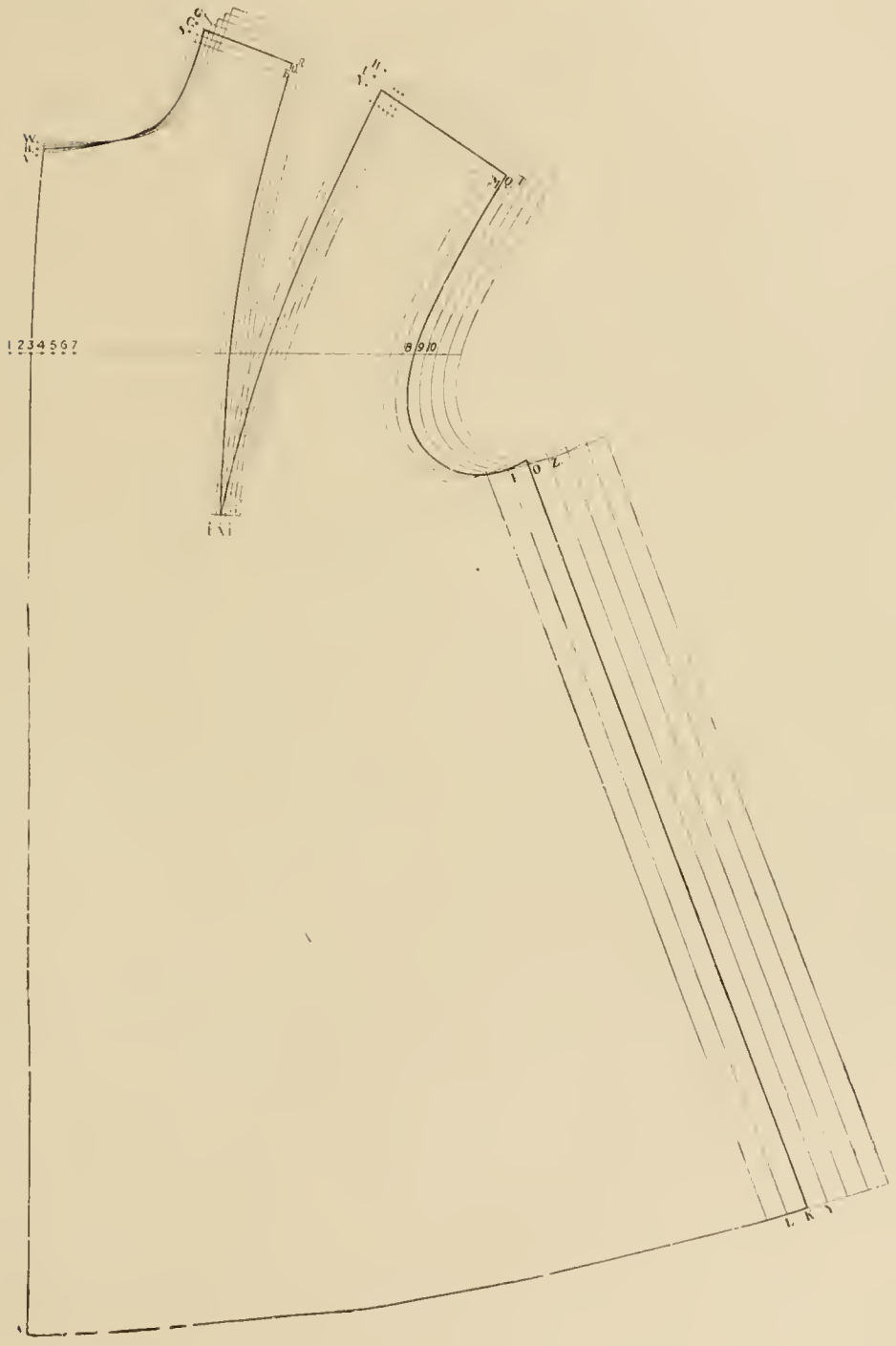


Diagram 66

MONTE CARLO OR LOOSE BOX COAT.

(*Continued*)

DIAGRAM 67

BACK PART—FIGURE 2.

Your heavy line in this diagram shows your 36 bust, BACK PART.

Raise your back shoulder 3-16 of an inch to line D—E.

Move your pattern over across back ¼ inch from 3 to 4 to get point 10.

After obtaining this point 10, move your pattern down to your original 36 shoulder, H—T, keeping back on point 4 parallel.

Now connect 10 with E and 10 with P.

P to O, underarm seam, is ½ inch, straight down to L—K.

To make back shoulder and neck correspond with your front, take off ⅛ inch on shoulder point, D—E, and proceed from D—W, raising W 1-16 inch from B.

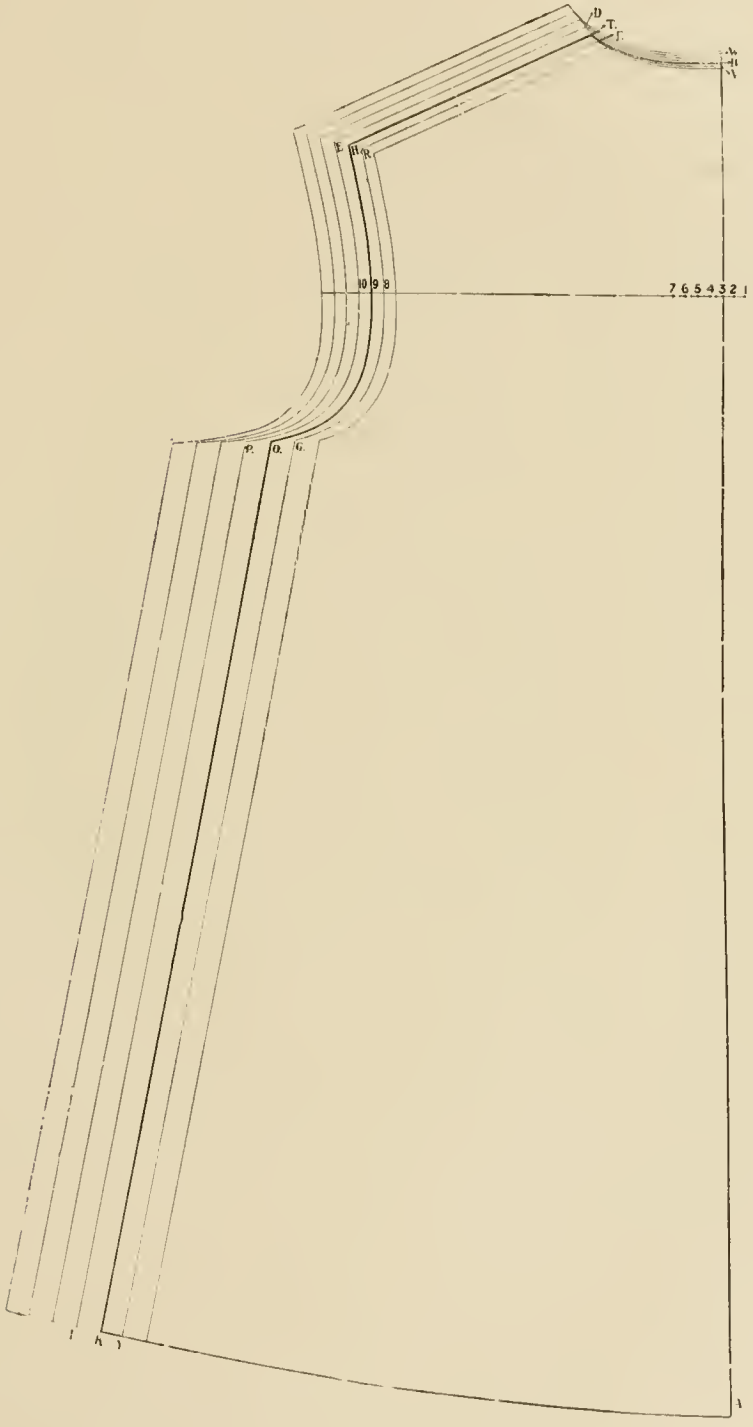


Diagram 67

ULSTER NO. 1.

DIAGRAM 68

MEASURES.

Bust	38 inches	Across Back	13 inches
Waist	25 inches	Underarm	9 inches
Hips	43 inches	Shoulder Heights Front	9— 7 inches
Across Chest	15 inches	Shoulder Heights Back	8— 5¾ inches
Neck	15¼ inches	Length Back to Waist	7—15½ inches

INSTRUCTIONS.

1. This draft is made by cutting out any jacket, tight or loose fitting, to the second hip. Then draw box, with the exception of shoulder heights, as Lesson No. 1 explains; after notching the pattern at bust line, place notches on bust line of box and straight on line A—B as diagram shows; let point N be 6 inches below waist line and continue gores down straight to points S—W. Continue front line down straight to point V. Also note point X, which is 6 inches below waist line.

2. To get sweep at bottom of ulster, multiply bust measure 19 inches 2¼ times, giving 42¾ inches, and measure this from V to S, W to B, and whatever is missing to make 42¾ inches measure 1-3 of remainder from W to T and 2-3 from S to C, and shape straight up to gores as diagram shows.

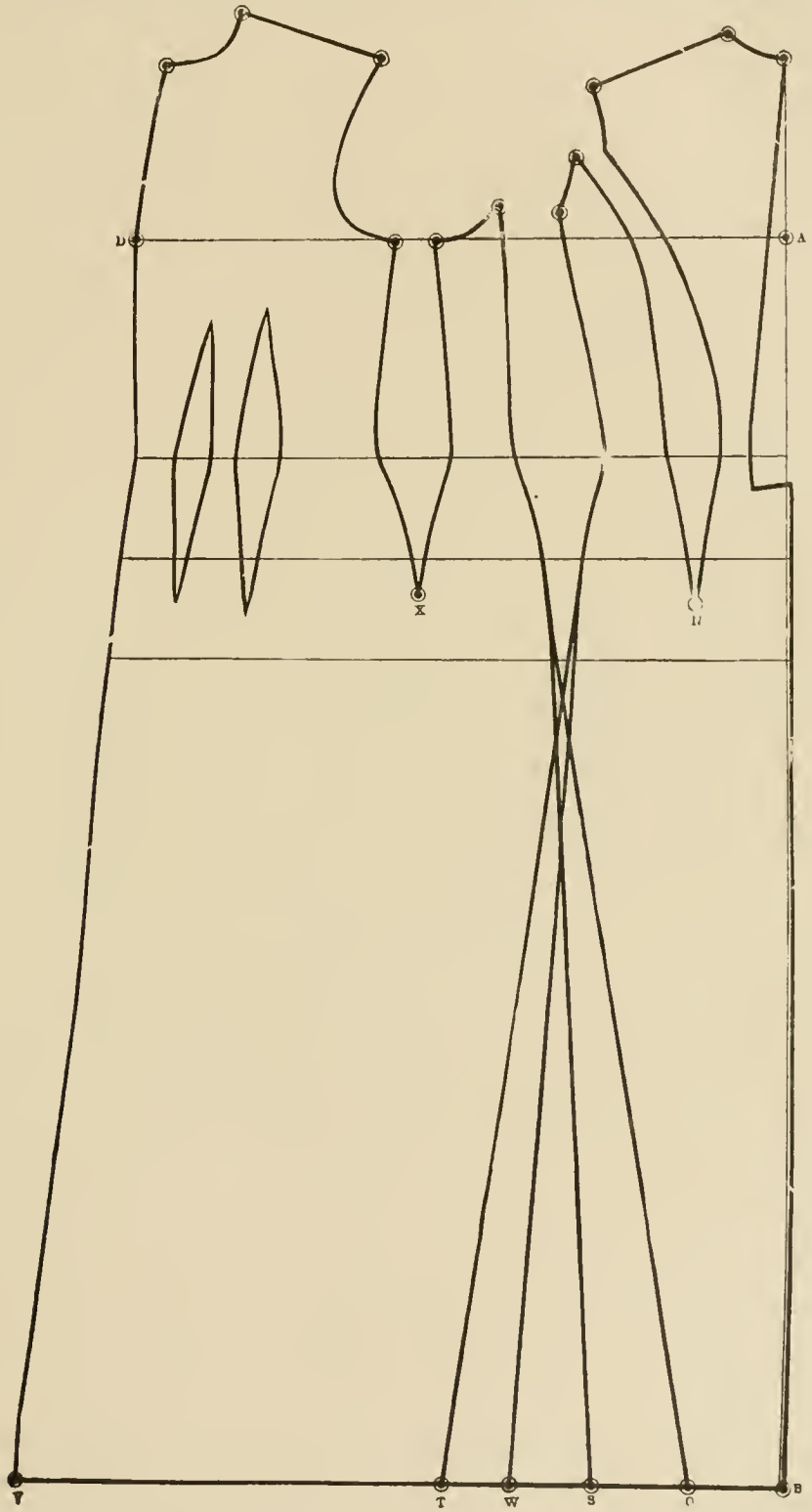


Diagram 68

ULSTER NO. 2.

DIAGRAM 69

MEASURES.

Bust	38 inches	Across Back	13 inches
Waist	25 inches	Underarm	9 inches
Hips	43 inches	Shoulder Heights Front	9— 7 inches
Across Chest	15 inches	Shoulder Heights Back	8— 5¾ inches
Neck	15¼ inches	Length Back to Waist	7—15½ inches

INSTRUCTIONS.

1. The two gores in this draft are placed together, leaving back and front alone. Follow the same instructions as on Ulster No. 1, and note point N to be 6 inches below waist line.

2. Figure the sweep the same as Ulster No. 1, being careful always to let 2-3 of remainder of sweep go toward back and 1/3 toward front. Diagram shows same.

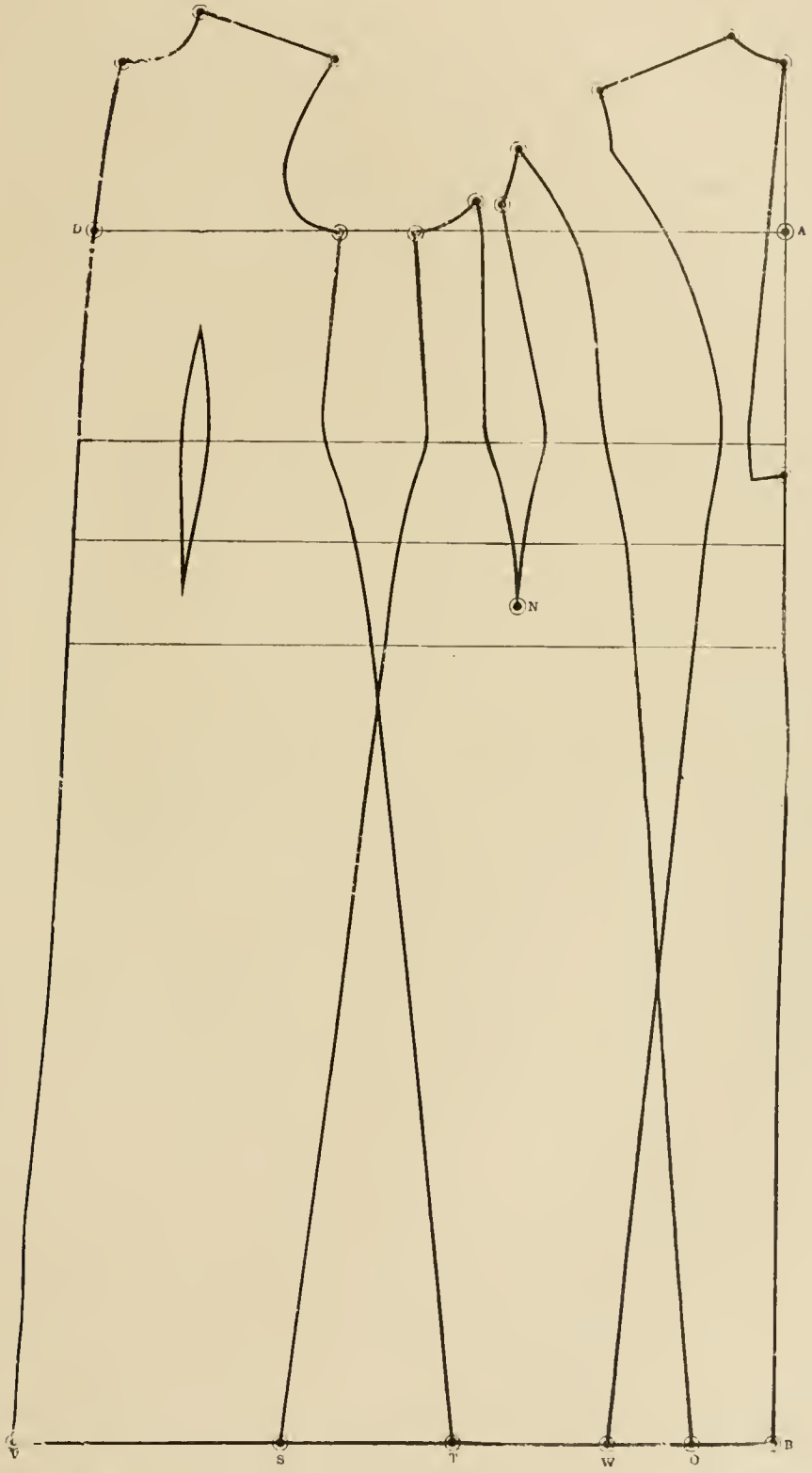


DIAGRAM 69

PRINCESS DRESS.

DIAGRAM 70

MEASURES.

Bust	38	inches	Across Back	13	inches
Waist	25	inches	Underarm	9	inches
Hips	43	inches	Shoulder Heights Front	9— 7	inches
Across Chest	15	inches	Shoulder Heights Back	8— 5¾	inches
Neck	15¼	inches	Length Back to Waist	7 -15½	inches

INSTRUCTIONS.

The draft is already explained in the preceding lesson, with the exception that back and back gore are separate. A garment of this kind is always cut with a large flare and a train, but diagram only shows little flare. Use the same rules in getting sweep as Ulster No. 1.

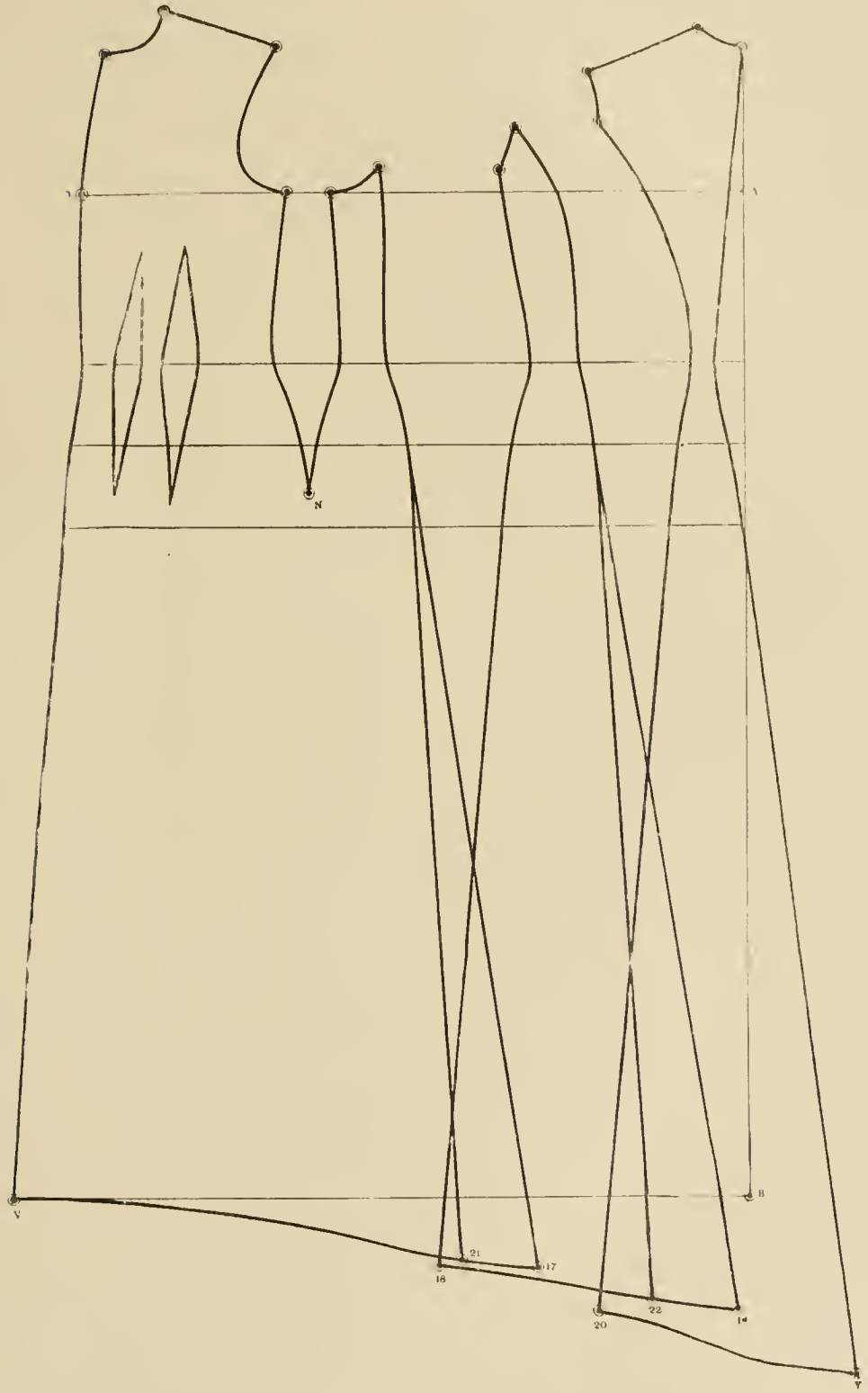


DIAGRAM 70

HOOD NO. 1.

DIAGRAM 71

MEASURES.

Bust 36 inches

INSTRUCTIONS.

1. Draw line E and B.

 E to D and E to F and F to B is always ¼ of bust measure, 9 inches. Square points just given, which constitute box.

2. Place jacket back and front together as dotted line shows, and draft neck curve E to C; C to A is front of jacket or cape. Now draft curve B through G to A, as shown; ¼ inch all around this curve is stitched and cord placed between to give the desired effect when wearing hood.

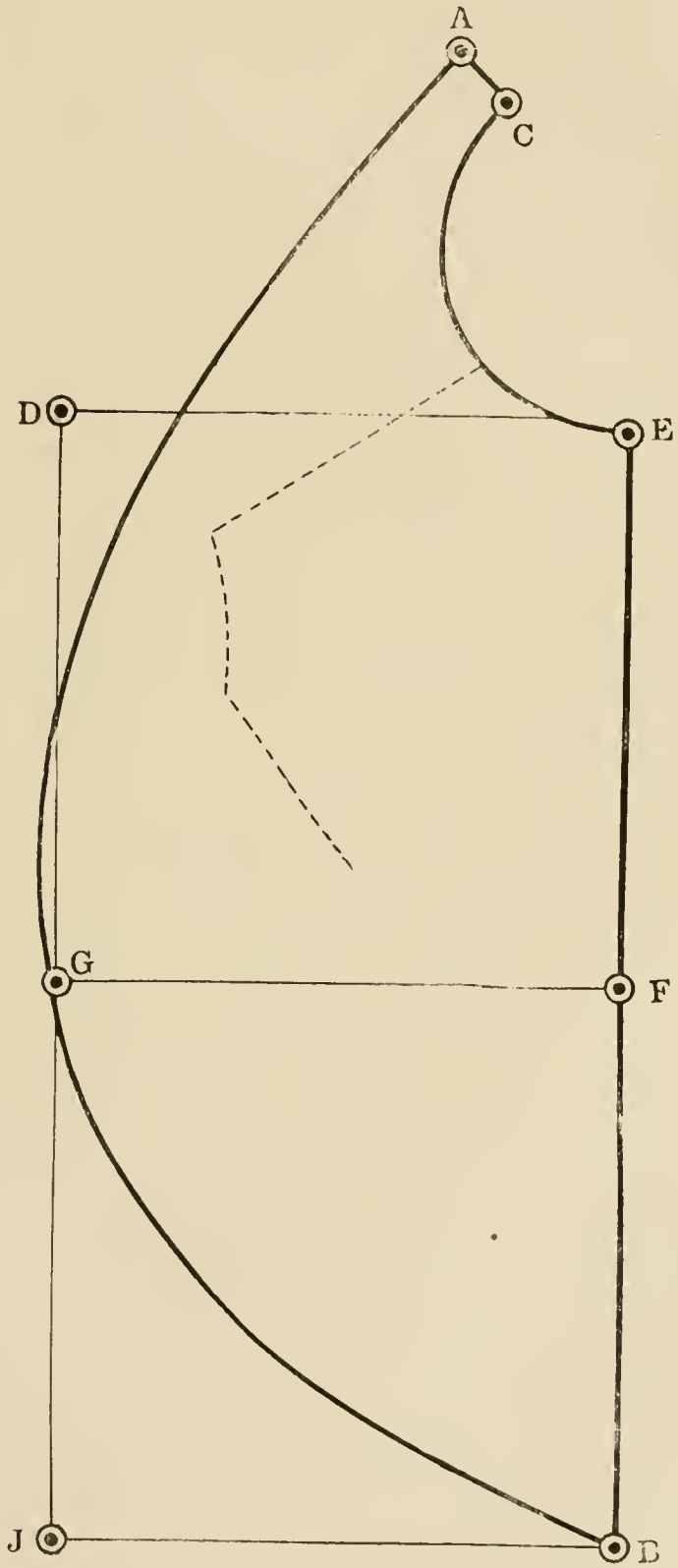


DIAGRAM 71

HOOD NO. 2.

DIAGRAM 72

MEASURES.

Bust 36 inches

1. Top of this hood is same as No. 1, with exception of F to B being ⅛ of bust, 4½ inches.
2. From F to P is 4 inches, and from B to I is 5½ inches, increase or decrease these distances for respective sizes; I to H is 1 inch. Now connect these points with straight line, as shown.

Now draft curve from H through G to A.

HOOD NO. 3

DIAGRAM 73

MEASURES.

Bust 36 inches

INSTRUCTIONS.

1. Follow instructions as No. 2, with exception of following:
2. B to I is 6½ inches, and I to H is 2 inches; draft line B to H to line J, as diagram shows.

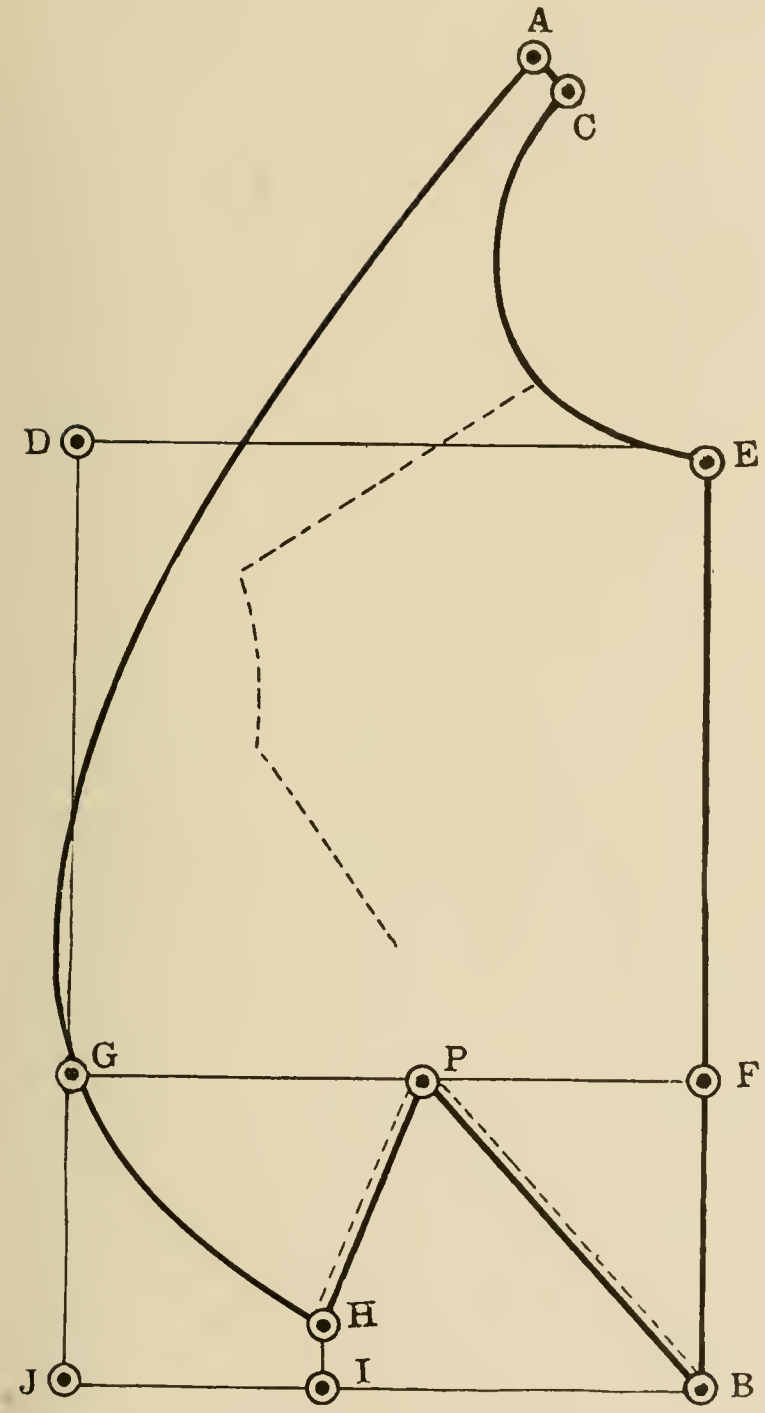


DIAGRAM 72

No. 2

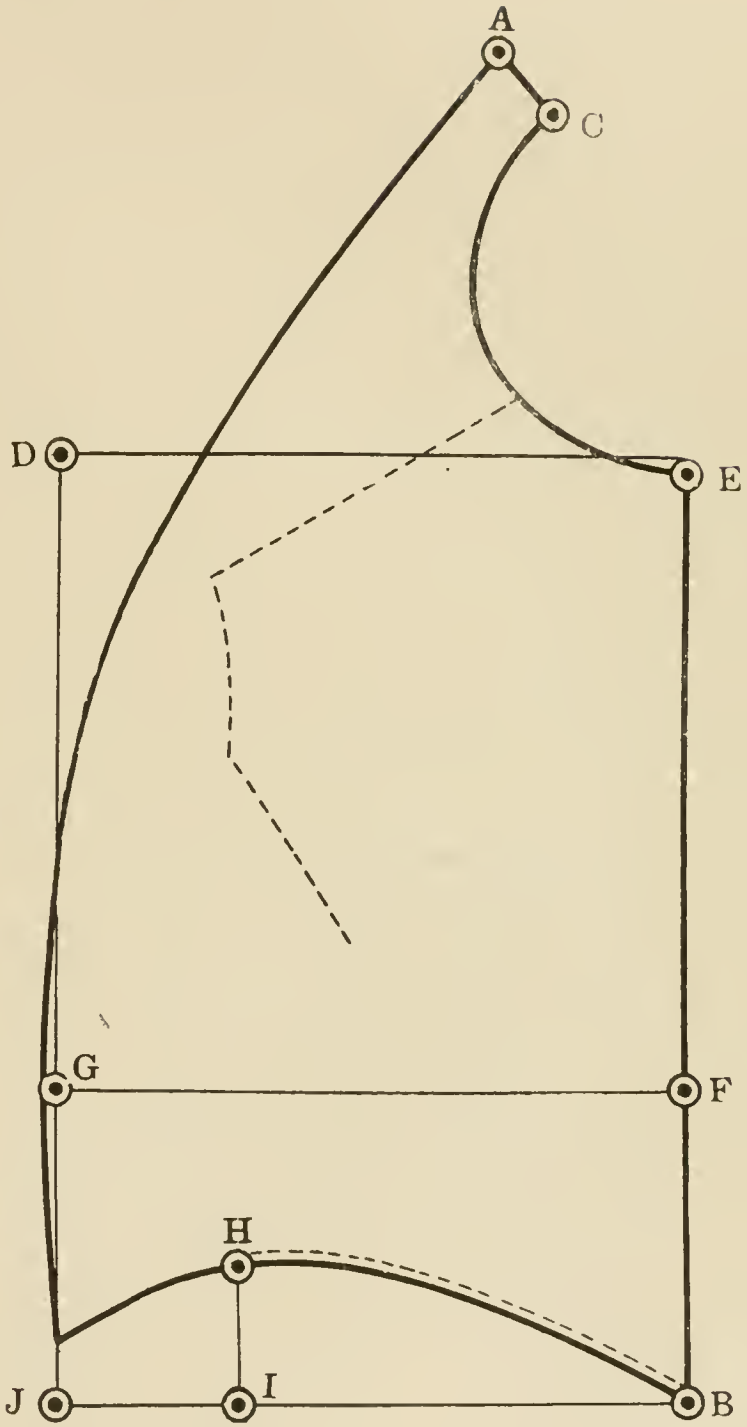


DIAGRAM 73

No. 3

KNEE LEGGINGS.

DIAGRAM 74

MEASURES.

Knee	6½ inches	Instep	7 inches
Calf	7 inches	Shoe Length	9 inches
Ankle	5 inches	Full Length	20 inches

Calf Length.....5½ inches

INSTRUCTIONS.

1. Draw line O—G, which is full length, 20 inches.

 O to X is 5½ inches, calf length.

 G to F is 2½ inches, and F to D is 2 inches; these measures never vary.

2. Square points O, X, D, F and G.

 From D to P is ankle measure, 5 inches; square line up and down from P, giving points M and Z.

 Knee measure is 6½ inches from M to A. L to C is calf measure, 7 inches.

 From G to B go out ¾ inch and measure from F to E ¼ inch. Shape line from B through E—D—C to A.

3. Instep from B to J is 7 inches.

 From B to I is 9 inches, shoe length. From Z to H is 1 inch. Draft line from B through Q—H to I, and I through J—P—L to M.

4. N is half distance between O and M, which square to Q, giving button line. This completes knee leggings.

SHOE LEGGINGS.

DIAGRAM 75

These leggings are the same as knee leggings, except that the length is 8 inches.

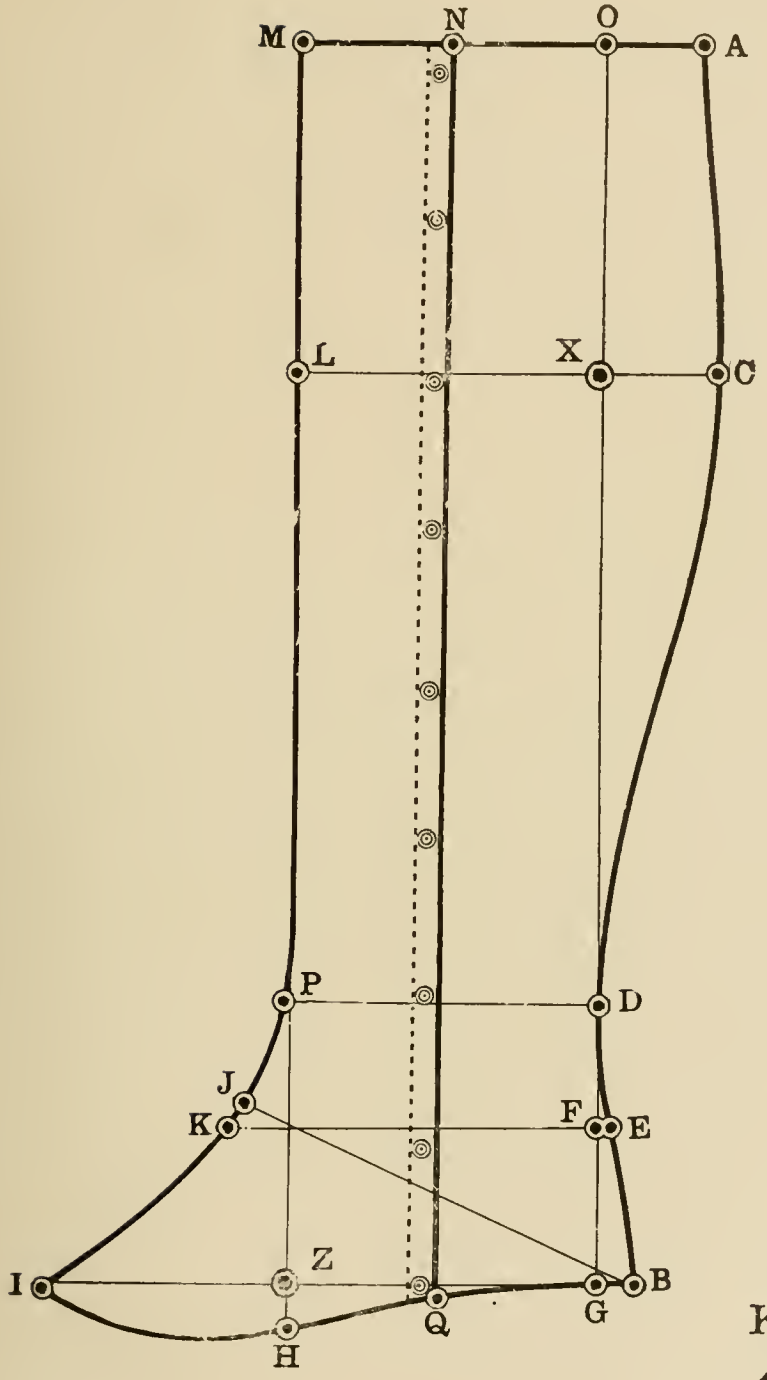


DIAGRAM 74

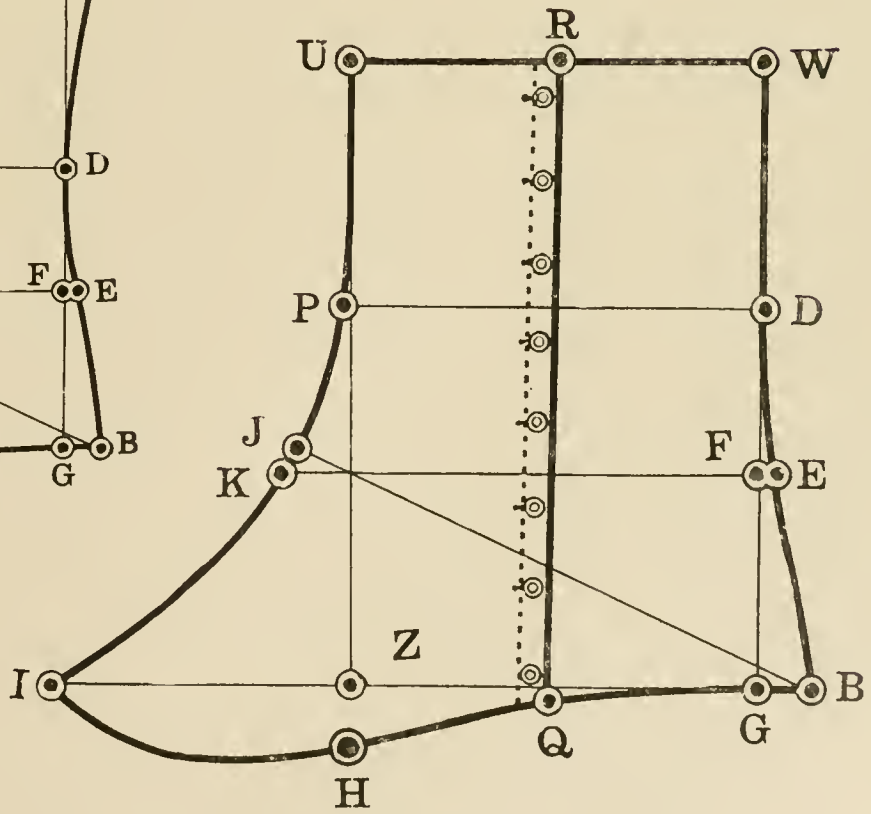


DIAGRAM 75

Waists

WAIST.

FIRST LESSON.

DIAGRAM 76

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Heights Front	9¼ — 7¼ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	14 inches	Length Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Draw line A B.

From A to C is 7¼ inches, neck height in back.

From A to E is 15½ inches, length of waist in back.

E to B is 4 inches, the first hip.

Square over points C, E, B on line A, B.

From C to D is ½ of bust measure plus 1 inch. In this case 20 inches.

This 1 inch we allowed is lost in cutting out the pattern.

D to Q is ½ inch allowed for breathing.

D to G is ¼ of bust measure, in this case 5 inches.

G to H is ⅛ of bust measure plus 1½ inches. In this case 4 inches.

C to I is 7 inches, ½ of back measure.

Square point D and H, up and down.

Square up points G, I on line C, D.

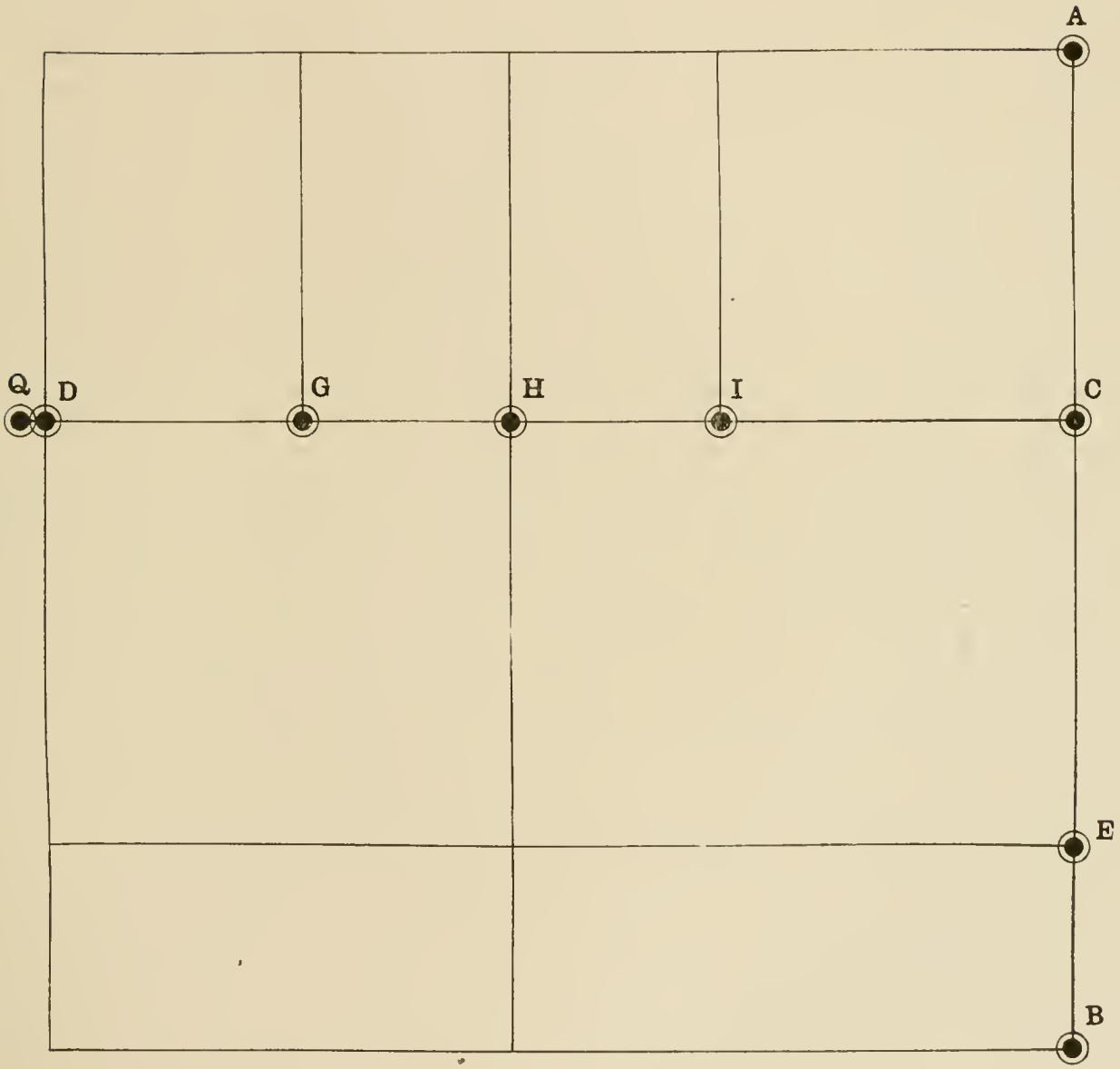


Diagram 76

WAIST.

SECOND LESSON.

SECOND LESSON.

DIAGRAM 77

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Heights Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	14 inches	Length Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

C to Y is 2¼ inches.

C to P is 6 inches, the second shoulder height back.

Y to O is 8¼ inches, the first shoulder height back.

Square over A and P on line A, B.

In squaring P over point R is found crossing line I.

R to S is ½ inch.

Draft neck, A, O, and draw back shoulder, O, S, 5¾ inches.

At front, H to 3 is 7¼ inches, second shoulder height front.

Square point 3.

G to X is 9¼ inches, first shoulder height front.

Square point X over 1½ inches, to point 11.

X to 1 is 2 inches.

Square over point 1 to 27.

Draft neck curve from 11 to 27.

Draw front shoulder from 11 to 3, 5¾ inches, the same as back shoulder, O, S.

Z to 2 is 7¾ inches, ½ of chest measure.

Draft armscye from S through 11, 2 to 3.

In drafting armscye be very careful not to go inside of line 1, R.

Also do not bring it below the bust line.

It is very important to follow the draft of armscye very carefully, and get the shape as near as possible as diagram shows, as nothing can be added to an armscye that is too large, while a small armscye can easily be made larger.

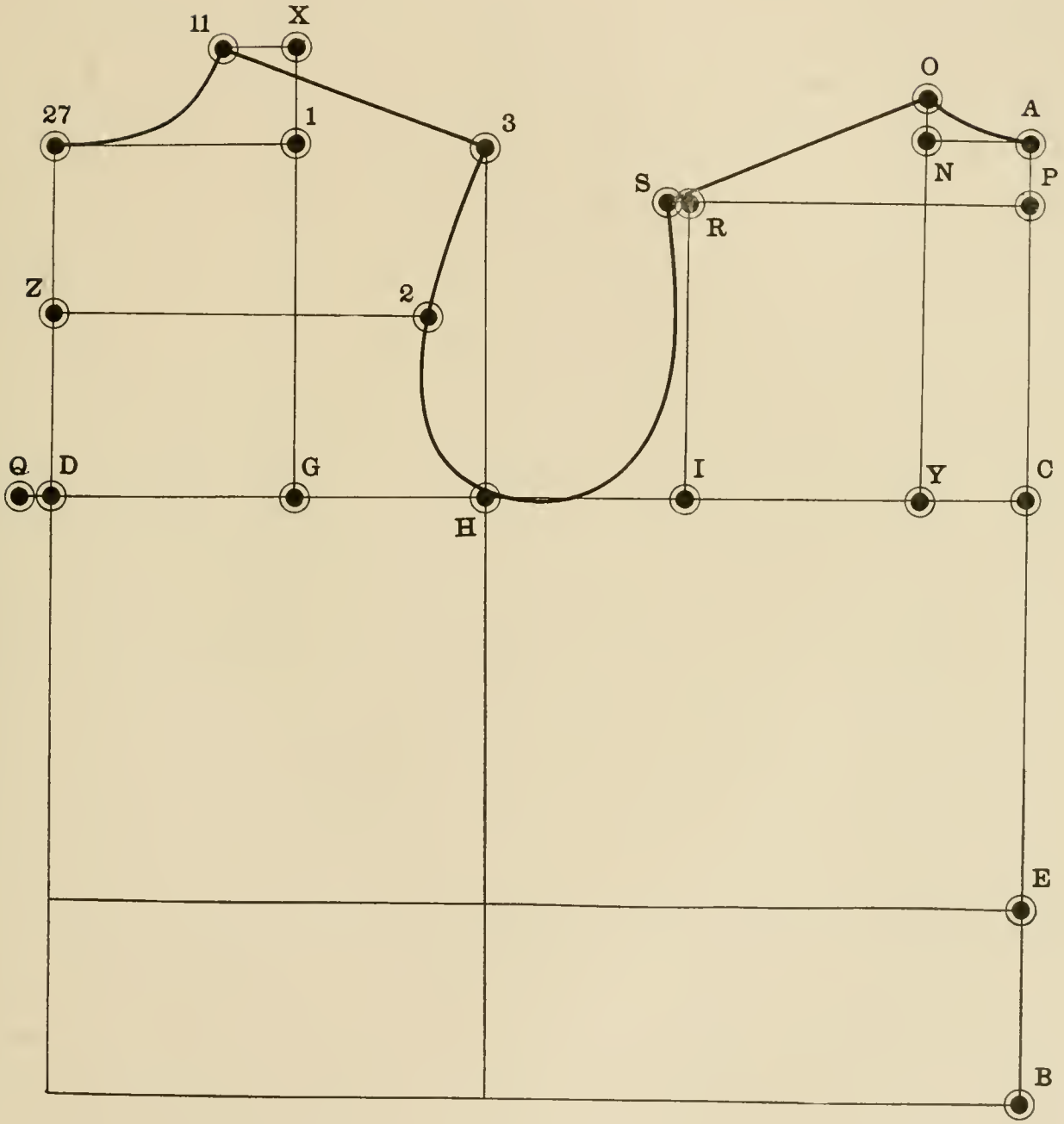


DIAGRAM 77

TIGHT FITTED LINING FRENCH SEAMS.

DIAGRAM 78

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Heights Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	14 inches	Length Back and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the First and Second Lessons for Waists.
Back shoulder, O to T, is 3 inches.
T to S is 2¾ inches.
At waist line, E to J is 1½ inches in all cases.
J to K is 1¼ inches.
This measure varies ⅛ inch, according to larger or smaller sizes, where the back is tight fitting with two gores.
Waist measure, 25 inches; ¼ of same is 6¼ inches, which must be divided into ½ back and two equal gores.
K to L is 1 inch.
L to 7 is 7 inches. As we only need 5 inches in this case, the other 2¼ inches are taken out in two darts of 1⅛ inches each. The remaining 5 inches are to be divided equally into two gores of 2½ inches each.
L to 4, 2½ inches; 4 to 5, 1⅛ inches; 5 to 6, 2½ inches; 6 to 7, 1⅛ inches.
On hip line measure from B to V 1¼ inches.
Draw center back line from A through J to V.
Take the center of L K, square down where line crosses on hip, measure ¼ inch to 15, ⅛ inch to 10.
Take the center of 4 and 5, square down where line crosses on hip, measure ½ inch to 75 and ⅜ inch to 74.
Take the center of 6 and 7, square up to 28 and down where line crosses on hip, measure ¾ inch to 13 and ⅜ inch to 14.
28 to 30 is 8½ inches length of underarm measure.
Draw new waist line from L to 30. Shape gores as shown.
Measure back neck, A O, which is 2½ inches, place these 2½ inches on front neck at point 32, measure to 27, which is 14 inches neck measure.
27 to Q is 7⅛ inches, the highest point of chest.
27 to M is 17½ inches, length waist in front.
Draw front line from M through Q to 27 and down from M to 18 slightly shaped to 71.
Draw new waist line from 30 to M.
Place the 6¼ inches which is ¼ of waist measure in back on point 30, measure over 12½ inches, which is ½ of waist measure plus ½ inch, which gives us point 9.
9 to M is 2½ inches.
These 2½ inches more than the natural waist measure are taken out in front dart between 9 and 8.
At front shoulder 32 to 22 is 3 inches, the same as back shoulder O to T.
22 to 20 is 2 inches taken out. These 2 inches we add on point 3, which gives us point 19.
20 to 19 is 2¾ inches, the same as back shoulder T S.
Reshape arm-scye from 28 through H to 19.
At front bust line D to W is 3¾ inches.
Shape the front as diagram shows.
After the two front gores have been cut out, lay pattern together at points 22—20, allowing ¼ inch raise at top, as shown by the dotted line points 32—22—20 to 40. Shape the bottom of waist as shown.

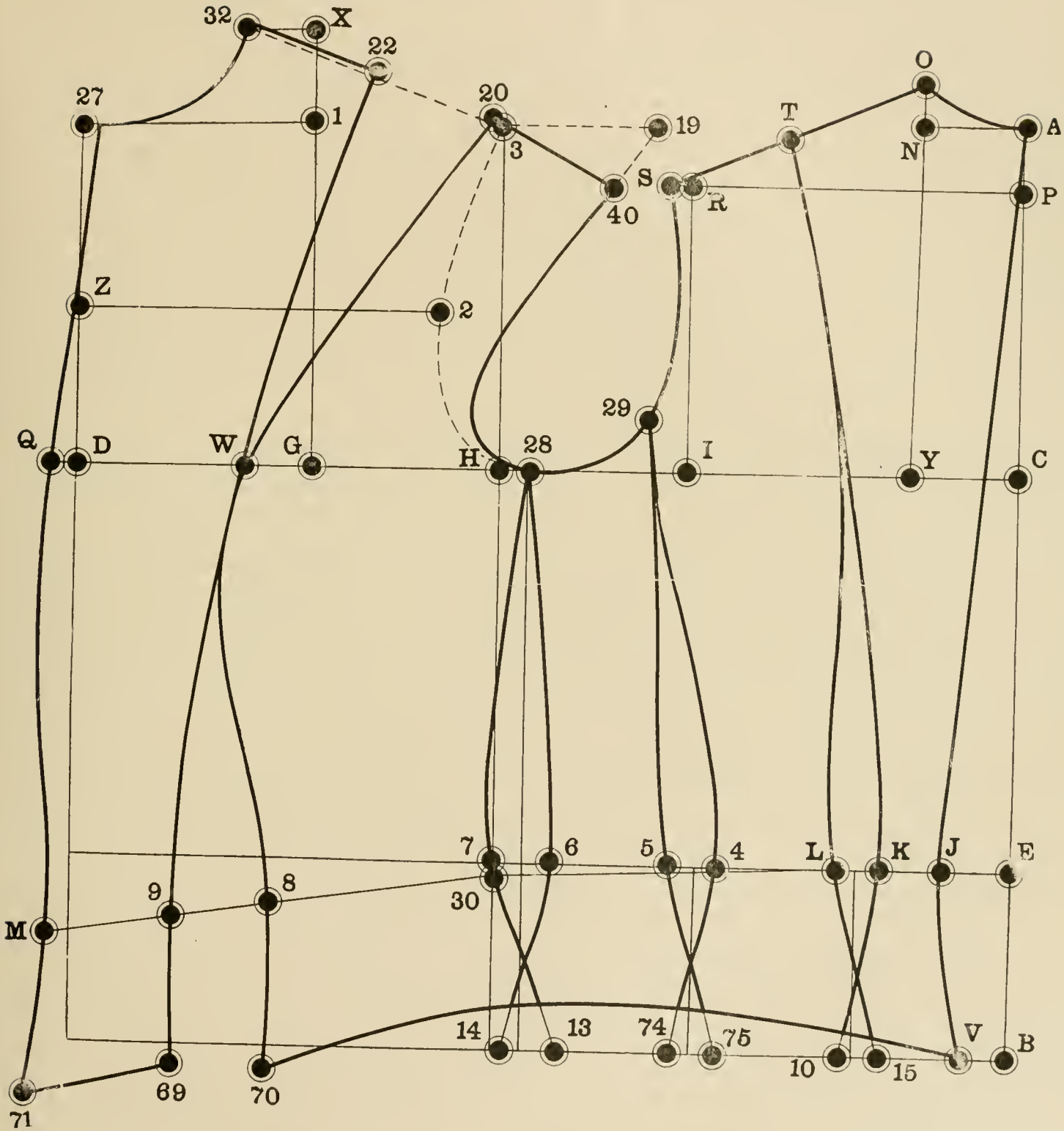

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Diagram 78

TIGHT LINING WAIST WITH ONE GORE.

DIAGRAM 79

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Heights Front	9½— 7½ inches
Across Chest	15½ inches	Length Back to Waist	7¼ 15½ inches
Neck	14 inches	Shoulder Heights Back	8¼— 6 inches
Length Front of Waist	7¼—17½ inches	Shoulder	5¾ inches

INSTRUCTIONS.

Folow same instructions as given in first and second lessons for Waists.

At waist E to J is 1½ inches; J to 4 is 3¼ inches; 4 to 5 is 1¼ inches; 5 to 6 is 3 inches; 6 to 7 is 2 inches.

The distance between J—4 and 5—6 is ¼ of waist measure.

Take center of 4—5 and square down.

Take center 6—7 square up and down.

28 to 24 is 8½ inches length of underarm.

Draw new waist line from 5 to 24; B to F is 1 inch.

Draw back line from F—J to A.

S to T at shoulder is 4½ inches.

Shape two back gores as shown.

From 27 on neck to D is 7¼ inches, highest point of chest, down to 34 is 17½ inches, length front of waist.

Draw new waist line from 24 to 34.

At waist in front 34 to 13 is ½ inch.

Draw front line from 13—Q to 27 slightly shaped to 29. Measure from 7 to 21, ¼ of waist measure, 6¼ inches plus ½ inch to V. From V to front line is 2¾ inches which is taken out in front dart 22—23.

From Q on bust line to 15 is 3¾ inches. From this point down to 35 is 3 inches, square down this point, take out each side of line to 22—1⅜ inches and to 23—1⅜.

Shape dart and bottom as shown.

At shoulder 11 to 12 is 2 inches; 12 to 14 is 2 inches taken out. These 2 inches we add on point 3 which gives us point 31. Reshape armscye from 28 to 31.

Point 16 is 1½ inches below 15. Shape dart as shown.

It is necessary in all linings and shirt waists to take a dart out on shoulder. Then place dart together at points X—14 down to 35, and cut over new front. The dart at bottom between 30—33 will increase as shown in blouse shirt waist.

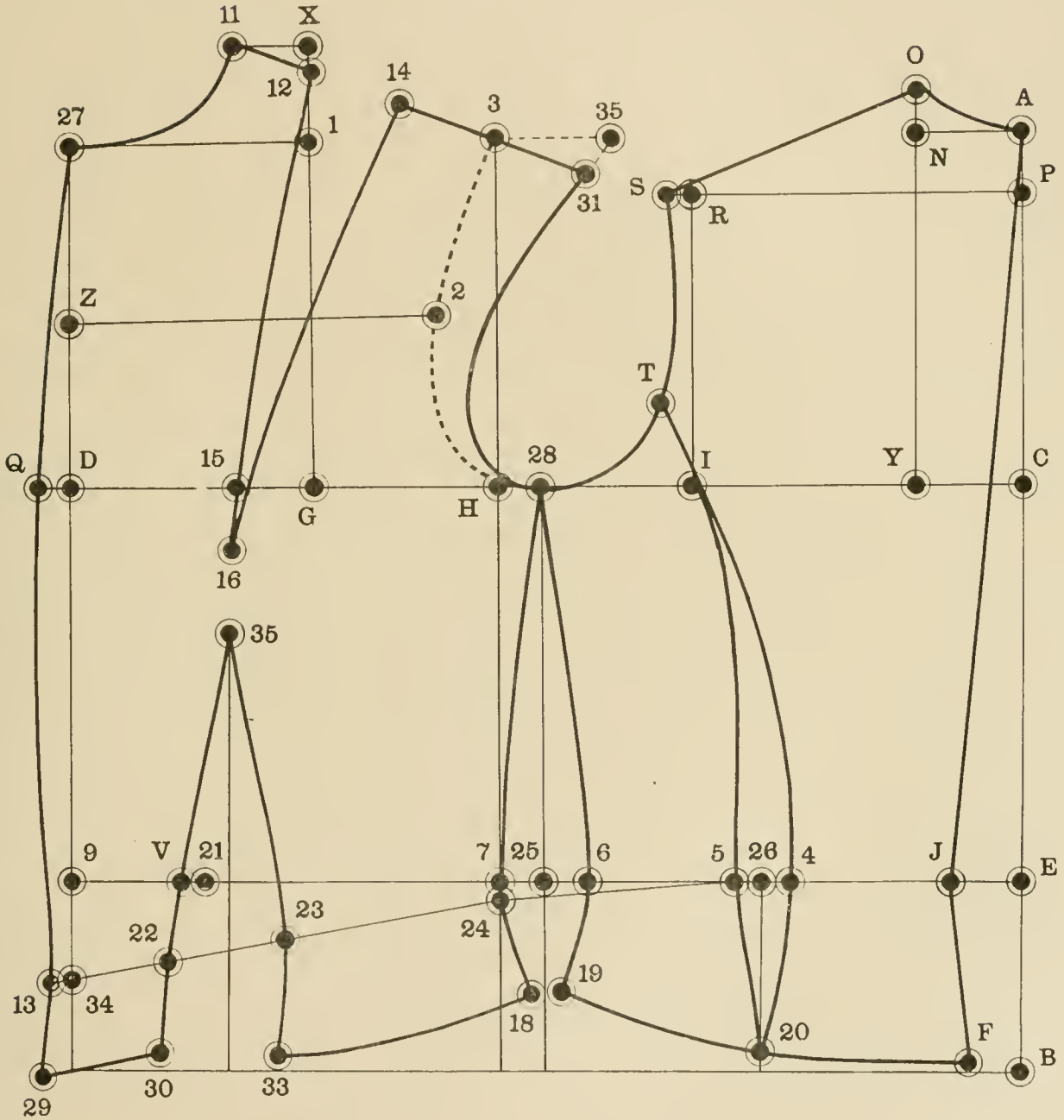

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Diagram 79

TIGHT-FITTING TWO PIECE LINING.

DIAGRAM 80

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Heights Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	14 inches	Length of Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in first and second lessons for waists.

At waist line E to J is 1½ inches; J to 6 is 5 inches; 6 to 7 is 3 inches.

At bottom B to F is 1 inch.

Draw back line from F, J to A.

Take center of 6—7, square down, from this line to 18 is ¾ inch and to 17 is 1 inch. T to 7 is 8½ inches, length of underarm.

Draw new waist line from J to 10.

Shape back gore as shown.

At neck 27 to D is 7¼ inches. Highest point of chest, to 4 is 17½ inches, length of waist front.

Draw new waist line from 10 to 4. From 4 to 13 is ½ inch. Shape front line from 13—Q to 27 slightly shaped to 29.

Measure waist from J to 6 which is 5 inches. Place the 5 inches on point 7. Measure over to point 21 which is ½ of waist 12½ inches, plus ½ inch to V. From V to front line is 2¾ inches which is taken out in front dart, between 5—8.

On bust line from Q to 15 is 3¾ inches. From this point down to 19 is 3 inches.

Square down from this point, measure from this line to 5, 1⅜ inches and to 8, 1⅜ inches.

Shape dart and bottom as shown.

Follow same instructions for the dart in shoulder as given in diagram 79, page 156.

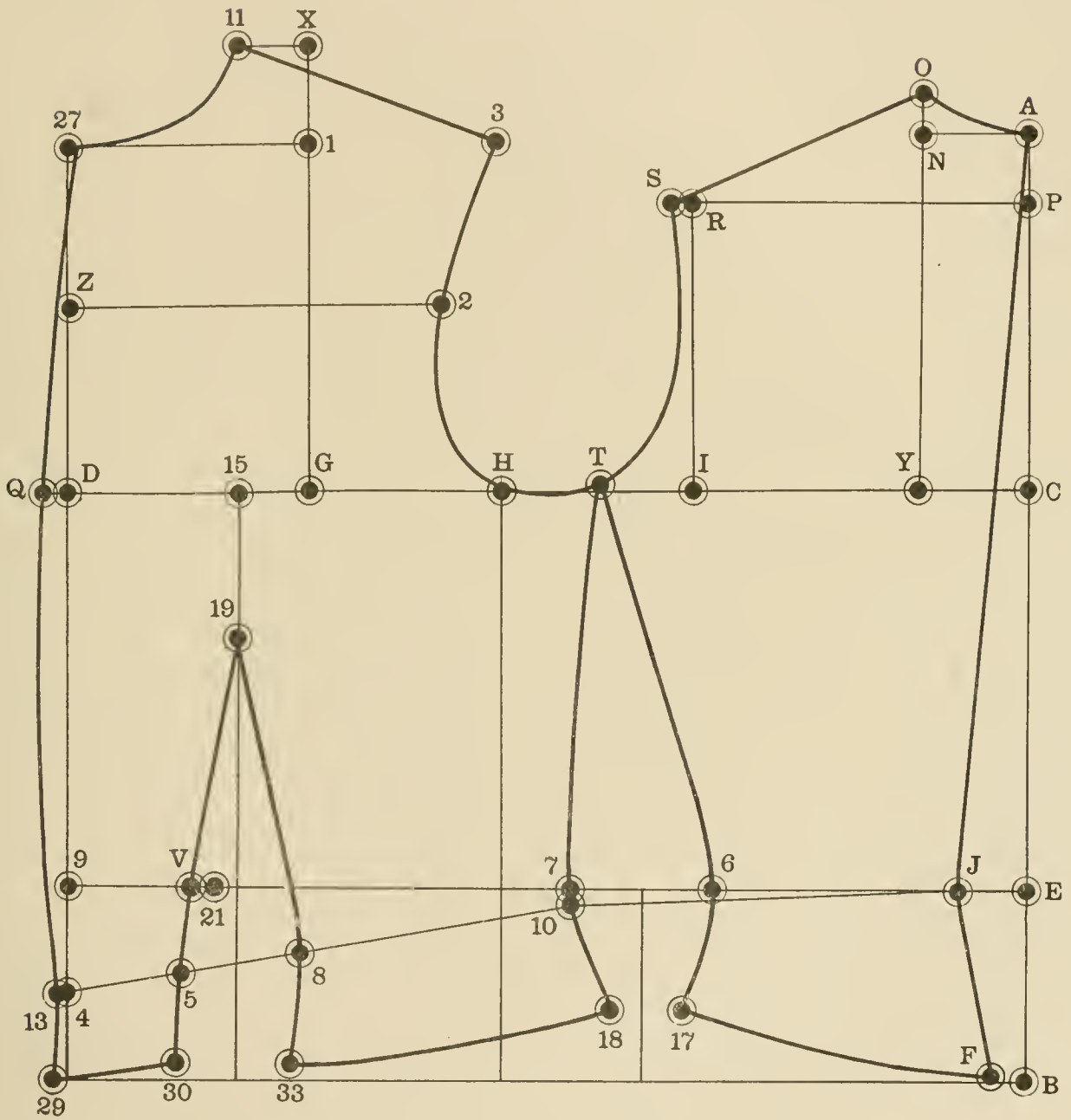

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Diagram 80

BLOUSE SHIRT WAIST.

DIAGRAM 81

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Height Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	14 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in first and second lessons for waists.

At waist line E to J is 1 inch.

Draw straight line from A to J to F; J to 6 is 5½ inches; 6 to 7 is 3 inches.

On bust line I to T is 1¾ inches; T to 21 is 8½ inches, length of underarm.

Draw new waist line from J to 21.

Take center of 7—6 which is point 5, square down. Draw line from 5 to T. From this line to 17 is ¾ inch; to 18 is ¾ inch.

Shape back gore as shown.

Take center of 17—F set in a triangle, which gives more spring on hip as shown, from 14 to 16 up to 15.

From 27 to D is 7¼ inches, highest point of chest, down to 13 is 17½ inches to length of waist in front.

Draw new waist line from 21 to 13.

Draw front line from 27—Q—13 to 29.

Shape bottom as shown.

At shoulder take out a 2 inch dart between 12—10 down to 8. Add the 2 inches on point 3 which gives us point 31. Reshape armseye from H to 31, the same instruction as given in diagram 79, page 156. Cut through on the straight line from 20 to 8. Lay dart together at point 12—10 to 8, make new pattern where we gain 2½ inches in the front of waist from 14 to 15 in following lesson.

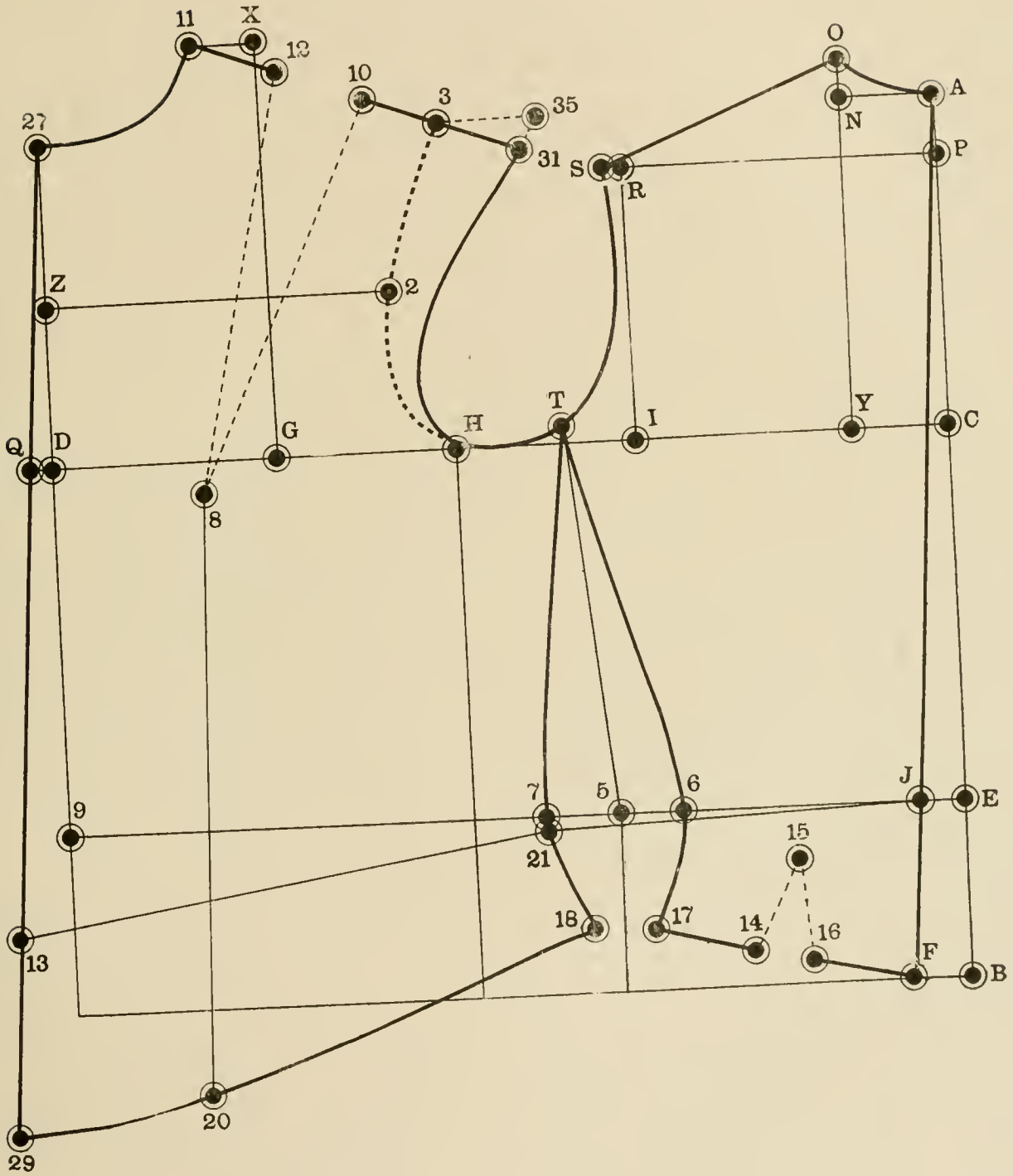

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Diagram 81

COMPLETE FRONT OF SHIRT WAIST

DIAGRAM 82

INSTRUCTIONS.

Showing how to cut a new waist pattern by laying the dart together at Shoulder, points 6—17 and where we gain the 2½ inches more fullness at bottom of waist from 14 to 15.

How to apply or make a box pleat on the front of a blouse waist.

Measure from front line 4—11 over 1 inch to 3—10. From 3 to 2 and 10 to 9 is 2 inches. For the width of pleat 2 to 1 and 9 to 8 is 1 inch. To form pleat stitch together on lines 1—8 and 4—11. Open pleat and press on lines, 2—9 and 3—10 which will be a 2 inch pleat when finished.

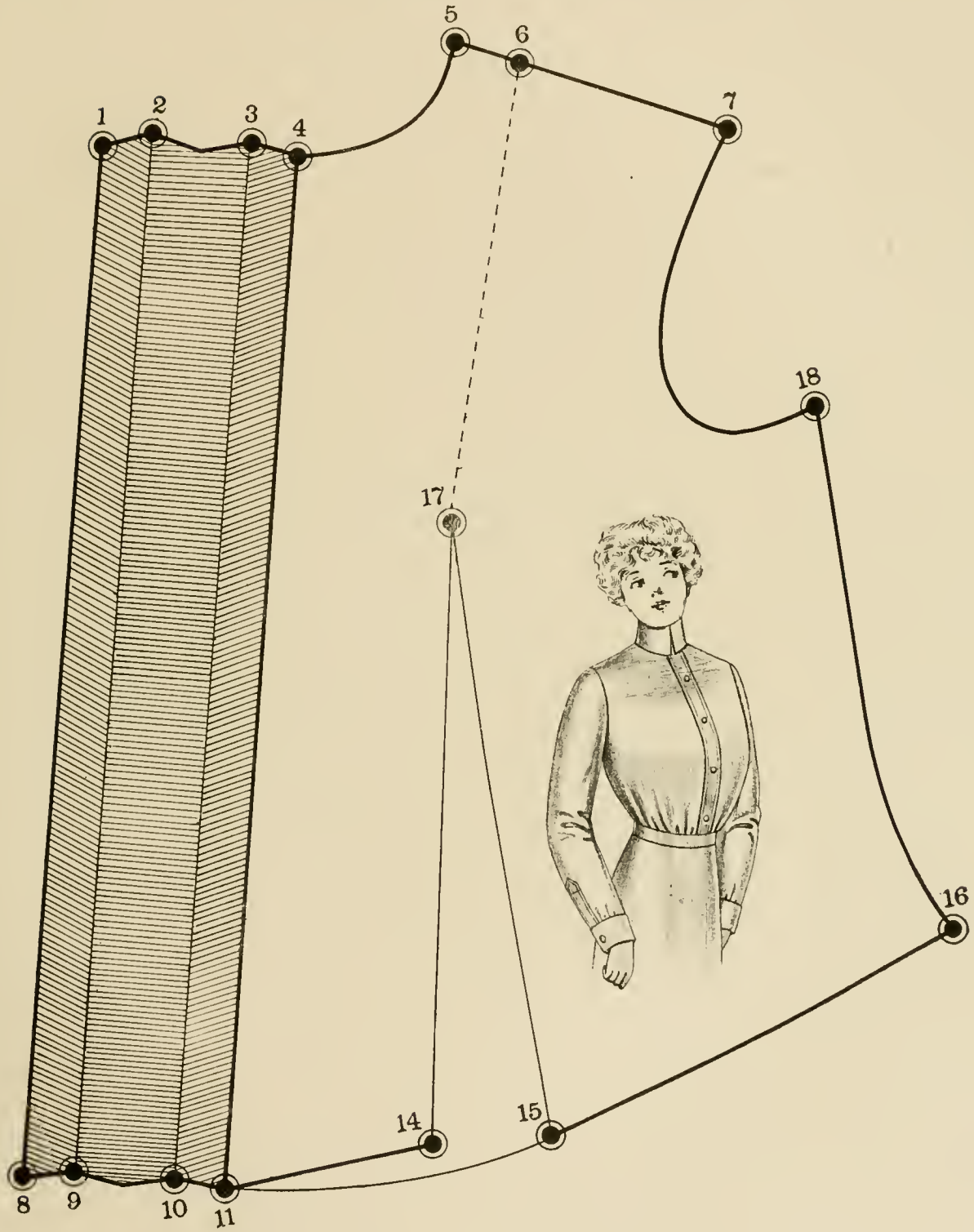


DIAGRAM 82

TURN-OVER COLLAR.
SHOWN IN ILLUSTRATION.

(ON PAGE 163)

DIAGRAM 83

INSTRUCTIONS.

Draw line B D 14 inches, neck measure. L is center of B D. Square up points B L D. L to K is ½ inch; K to I is 1½ inches, same as D to H—B to J, for under standing collar.

J—I—H is break line for the turn over collar. I to G is 2½ inches, same as J to A and H to C. C to E and A to F is ½ inch.

Shape collar as shown. Illustration of collar on page 163.

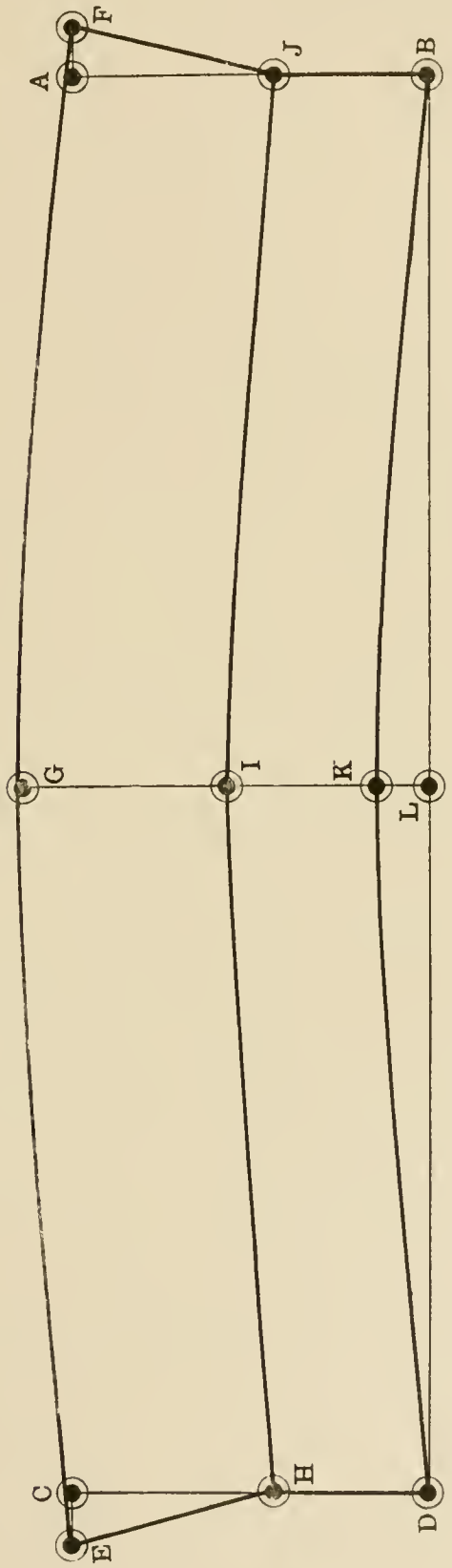


Diagram 83

BISHOP SLEEVE.

DIAGRAM 84

INSTRUCTIONS.

Draw line A—B. A to J is 4½ inches, ⅛ of bust measure. J to D is ¼ of bust measure, 9 inches. D to B is ¼ of bust measure, 9 inches. Square over all given points.

A to E is 16 inches, 2 inches less than ½ of bust measure. Square down E to K.

This completes box for sleeve.

Take center of K—B, which gives us point T. Square down T to M 3 inches. D to Q and P to G is ½ inch; X to P and J to C is 1 inch; O is ½ the distance of A—E.

Square up O to N 1 inch. A to F is 2¼ inches; E to I is 3½ inches.

Shape sleeve as shown.

TIGHT LINING SLEEVE.

DIAGRAM 85

MEASURES.

Half of Back 7 inches To Elbow 19½ inches
Full Length 29½ inches

INSTRUCTIONS.

From A to M is ½ of back measure, 7 inches; A to L is 19½ inches to elbow; A to B is 29½ inches to wrist; M to F is ⅛ of bust measure, 4½ inches; F to D is 1 inch. Square over all given points. M to S is ¼ of bust measure, 9 inches. Square down to H. This completes box for sleeve.

D to I is 2 inches. Square over I to X, 4½ inches. N is ½ the distance of M—S. Square N up to O, 1 inch. S to L is 2 inches; Q to P is ½ inch; T to R is 1 inch; R to W is ⅛ of bust measure, 4½ inches; L to C is 1 inch. Take center of B, H, which gives us K.

G to V is 3 inches; G to E is 5 inches. Draw arch. Draw line G—F.

Square down K ½ inch down to J; H to G is 1 inch. Draw line G—J.

completes undersleeve.

Shape top sleeve from G, *R, *P, *L, *O, *J, *C, *E. This completes top sleeve.

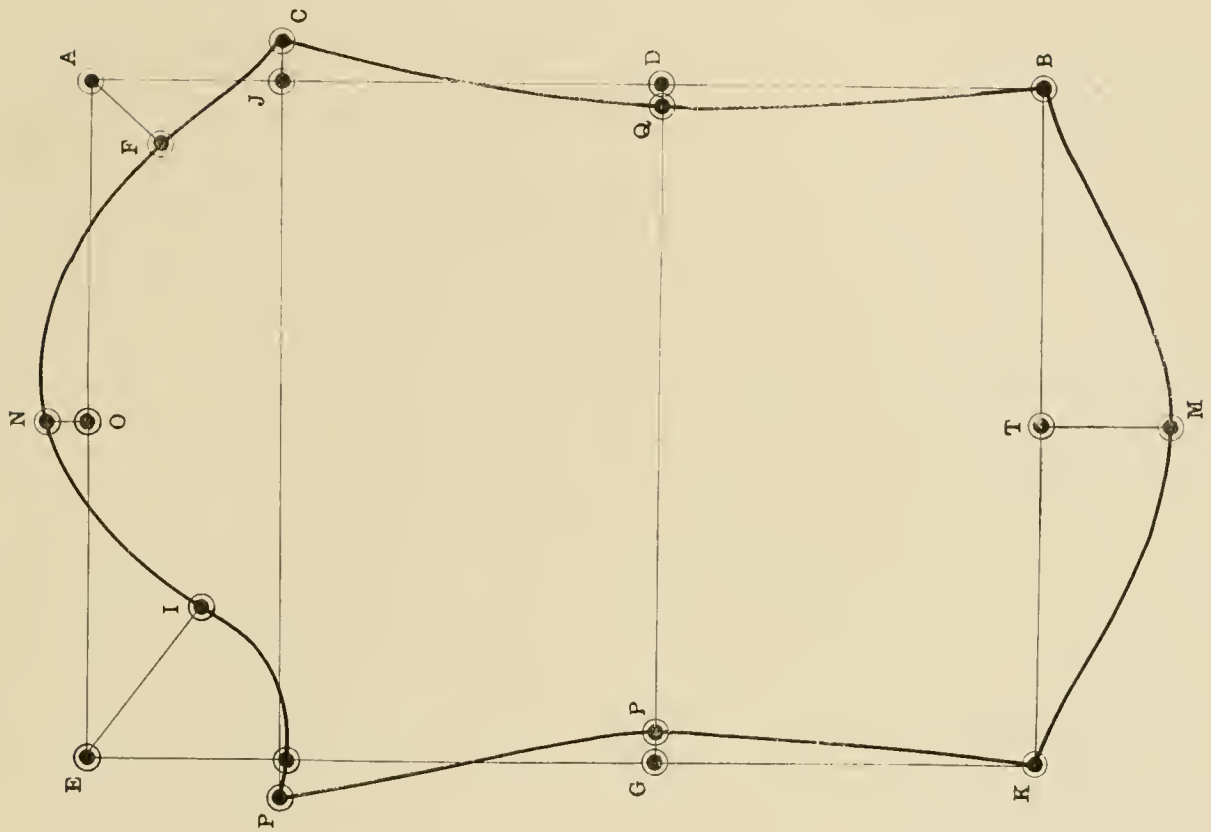


DIAGRAM 84

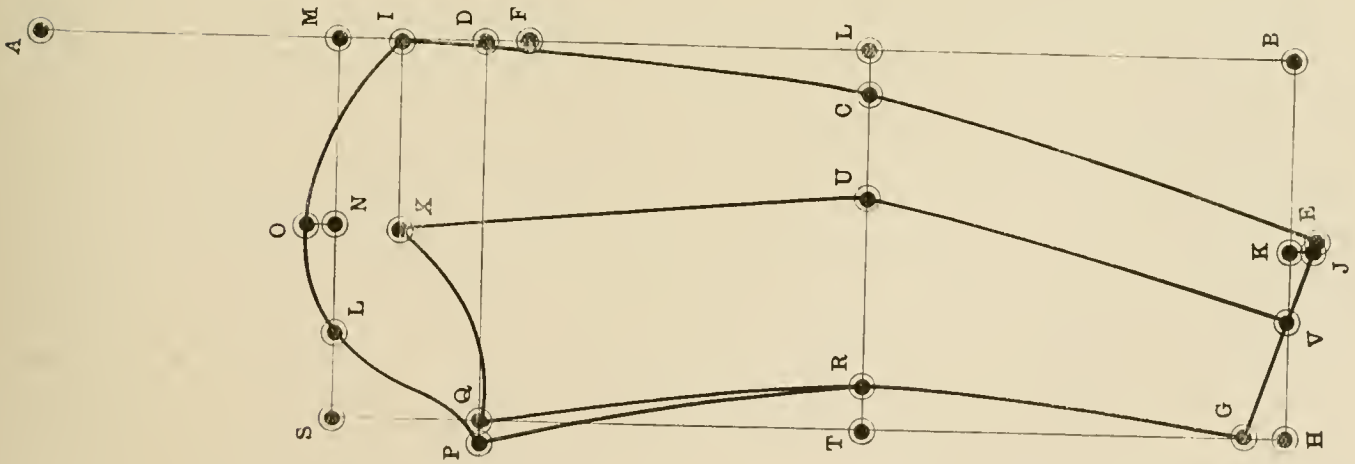


DIAGRAM 85

TIGHT FITTING PRINCESS FOUR PIECES.

DIAGRAM 86

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hip	41 inches	Shoulder Height Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	14 inches	Neck Height of Waist	7¼—15½ inches
Length Front Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons for waists.
At waist line, E to J is 1 inch.
J to 7 is 10 inches. In this case we only need 6½ inches, which is ¼ of 26 waist measure. The other 4¼ inches more than needed are taken out between the two darts at back.
Measure waist from J K which is 2¾ inches.
K to L is 1¼ inches; L to 6 is 3¾ inches; 6 to 7 is 2¼ inches;.
J to K and L to 6 is 6½ inches, ¼ of waist measure in back.
Draw center back line from A through J V to 89, which is 56 inches, the full length of garment.
The back is cut on the fold of material.
Take the center of L K, where the line crosses on first hip, measure 1 inch to 15, and ⅜ inch to 10.
On second hip, where line crosses, measure 2 inches to 44 and ¾ inch to 43.
Continue line from 44 to 79, from 43 to 88.
Square the center of 6 and 7, square up to 28 and down to full length.
Where line crosses on first hip measure, 1- inches to 13 and ½ inch to 14.
On second hip where line crosses measure 2½ inches to 81 and 1½ inches to 80.
Continue line down from 81 to 90 and 80 to 87.
Back shoulder, O to T, is 3 inches.
T to S is 2¾ inches.
28 to 30 is 8½ inches underarm measure.
Draw a new waist line from L to 30.
Shape back and side gore as diagram shows.
At hip, measure from V to 10, 15 to 14 and 13 to 33, which is 20½ inches, ½ of hip measure.
33 to 18 is 2½ inches. These 2½ inches are taken out at the front dart at hip line between 16 and 17.
Measure back neck curve A O, which is 2½ inches.
Place these 2½ inches at the front neck on point 32, measure to 27, 15 inches.
Now draw center front line from 27 through Q 18 to 71 full length of garment.
27 to Q is 7½ inches, the highest point of chest. 27 to M is 17½ inches, length front of waist.
Draw new waist line from 30 to M.
Measure over 13 inches, which gives us point 9, which is ½ of waist measure.
Place the 6½ inches, which is ¼ of waist measure, in back at point 30.
9 to M is 2½ inches, these 2½ inches are taken out in the front dart between 9 and 8.
D to W on front bust line is 3¾ inches, 32 to 22 is 3 inches,
Front shoulder the same as back shoulder O to T.
22 to 20 is 2 inches taken out,
These 2 inches we add on point 3, which gives us point 19.
Reshape armscye from 28 through H to 19.
Shape the front as diagram shows.
Now cut out the two front gores, lay pattern together at point W at bust line, and meet the two points on shoulder, 22 and 20.
At neck point 32 raise ¼ inch.
Point 3 remains the same.
Draw new shoulder from 32 through 3 to 40.
The front is cut on the fold of material.

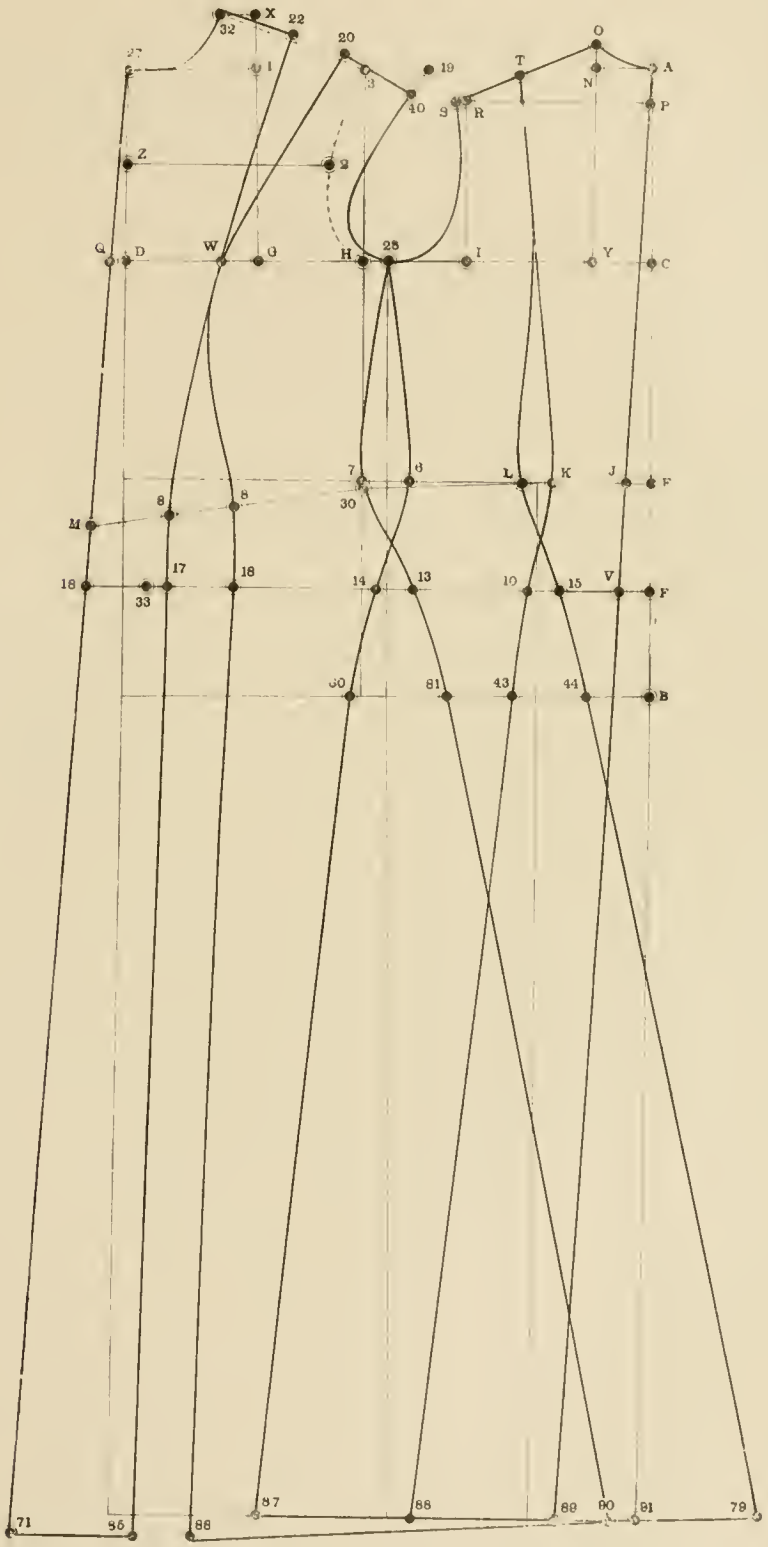

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Diagram 86

BLOUSE WAIST, DROP SHOULDER.

DIAGRAM 87

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Under Arm	8½ inches
Hips	41 inches	Shoulder Height Front	9½—7½ inches
Across Chest	15½ inches	Shoulder Height, Back	8¼—6 inches
Neck	14 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in the Blouse Shirt Waist, diagram 81, page 160

On bust line from 1 to 19, 11 to 8 is 5 inches. Square over 8 to 12, 2 inches.

19 to 10 is 3¼ inches; S to 20 is ½ inch; 3 to 4 is ½ inch.

Shape armseye and shoulder from 0—20—10—T—H—L—12—3—11. This completes the blouse.

Draft new sleeve for blouse.

Draw line L B. L to 15 is ¼ bust, 9 inches. 15 to B is ¼ bust, 9 inches.

B to 21 is 3 inches taken off for cuff as shown in the diagram. This cuff is joined on the bottom of sleeve 17—20, which gives full length.

Square over the given points, L to 1, 14 inches, 4 inches less than ½ of bust measure.

Square down 1 to 16.

21 to 20 is ½ inch; 16 to 17 is ½ inch; 15 to 14 is ¾ inch; 12 to 13 is ¾ inch; 3 to 2 is 2 inches; 18 to 19 is 1 inch. Shape as shown.

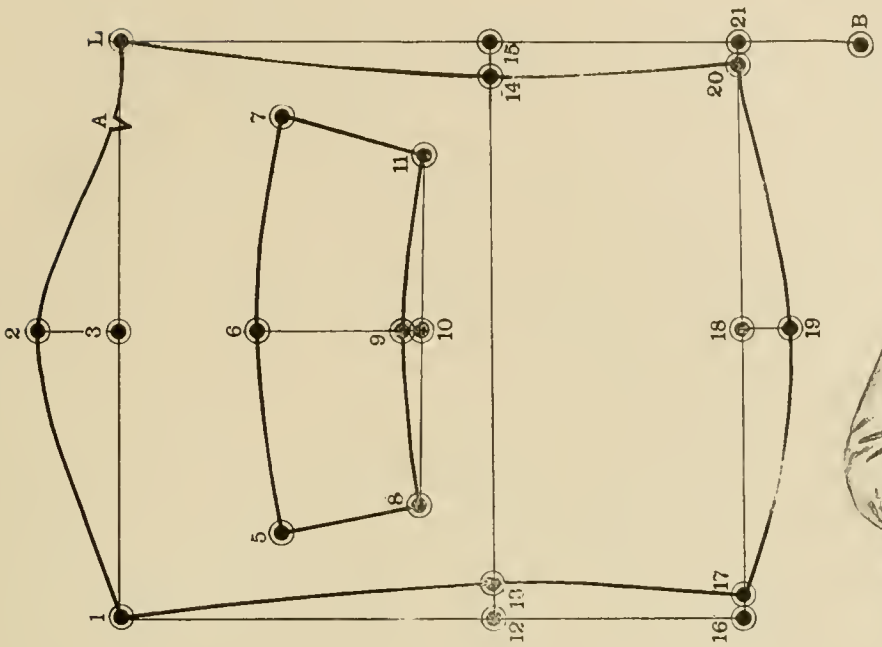
To place sleeve in blouse, bring notch A, which is the underarm of sleeve, on point L in blouse.

For cuff 11 to 8 is 8½ inches. Take center of 11—8, square up.

10 to 9 is ½ inch; 9 to 6, 11 to 7, 8 to 5 is 3½ inches.

Measure from 6 to 7, 6 to 5, 5¼ inches.

Shape cuff as shown.


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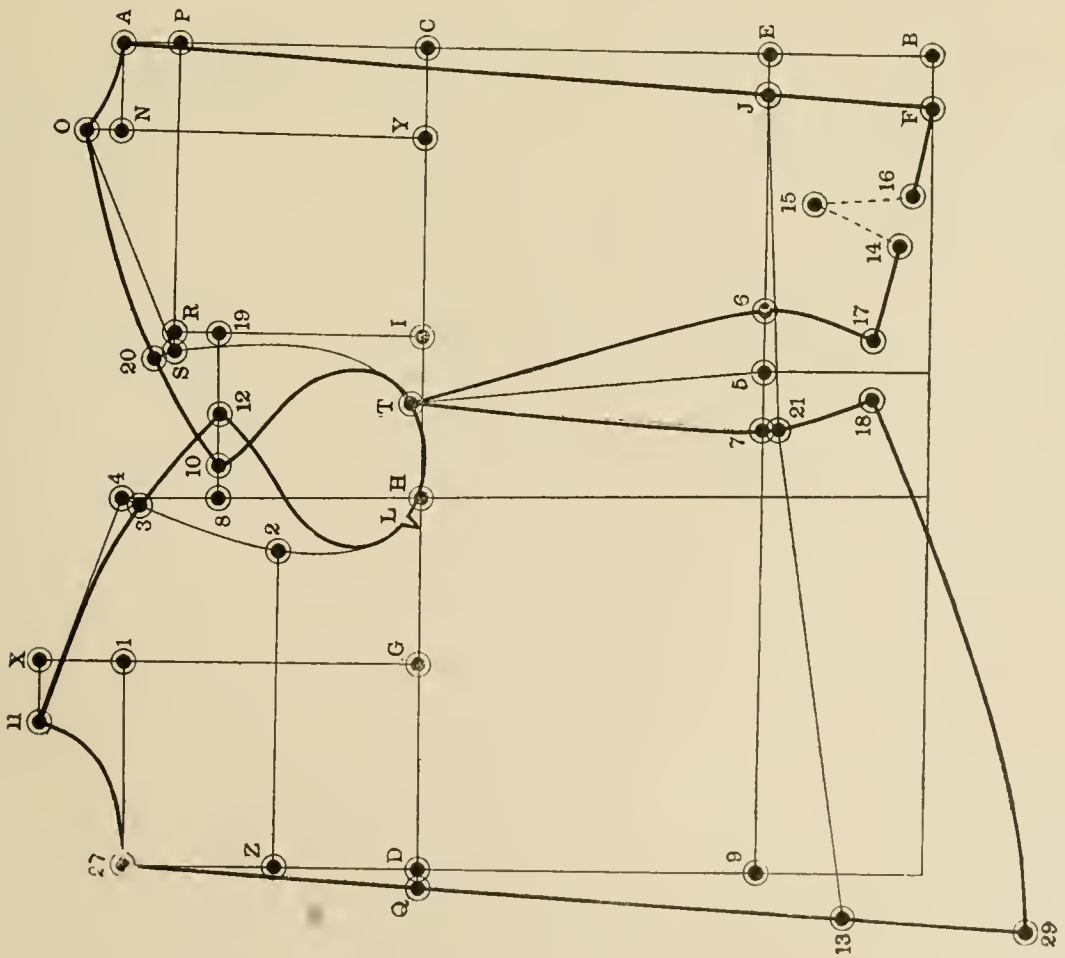

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Diagram 87

BLOUSE WAIST WITH DEEP ARMHOLE.

DIAGRAM 88

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hip	41 inches	Shoulder Heights Front	9¼— 7¼ inches
Across Chest	15½ inches	Shoulder Height Back	8¼—6 inches
Neck	14 inches	Length Back to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Follow same instructions as given in first and second lessons for Waists and diagrams 81-82

Under arm from T to 5 is 3 inches.

Draw new armhole from 4—2—3 10 to S.

Draft new sleeve for the blouse.

Draw line 3 to 22.

10 to 22 is 11 inches, length of sleeve to elbow; 10 to 13 is 2¼ inches, ¼ inch less on each inch, the distance from T to 5 at the underarm of blouse.

Square points 3—10—13—22 over, 3 to 1 is 14 inches.

Square 1 down to 19, 5 to 2 is ⅛ of bust 4½ inches; 2 to 4 is 1½ inches; 13 to 14—12 to 11 is 1½ inches; 19 to 20 is 1 inch; 21 to 22 is 1 inch.

Draw line from 3 to 6, 6 to 1.

3 to 8 is 3¾ inches and 1 to 7 is 3¾ inches.

18 to 17 is ½ inch; 15 to 16 is ½ inch.

Shape sleeve 21—17—14—8—4—7—12—11—16—20.

This completes sleeve for this blouse.

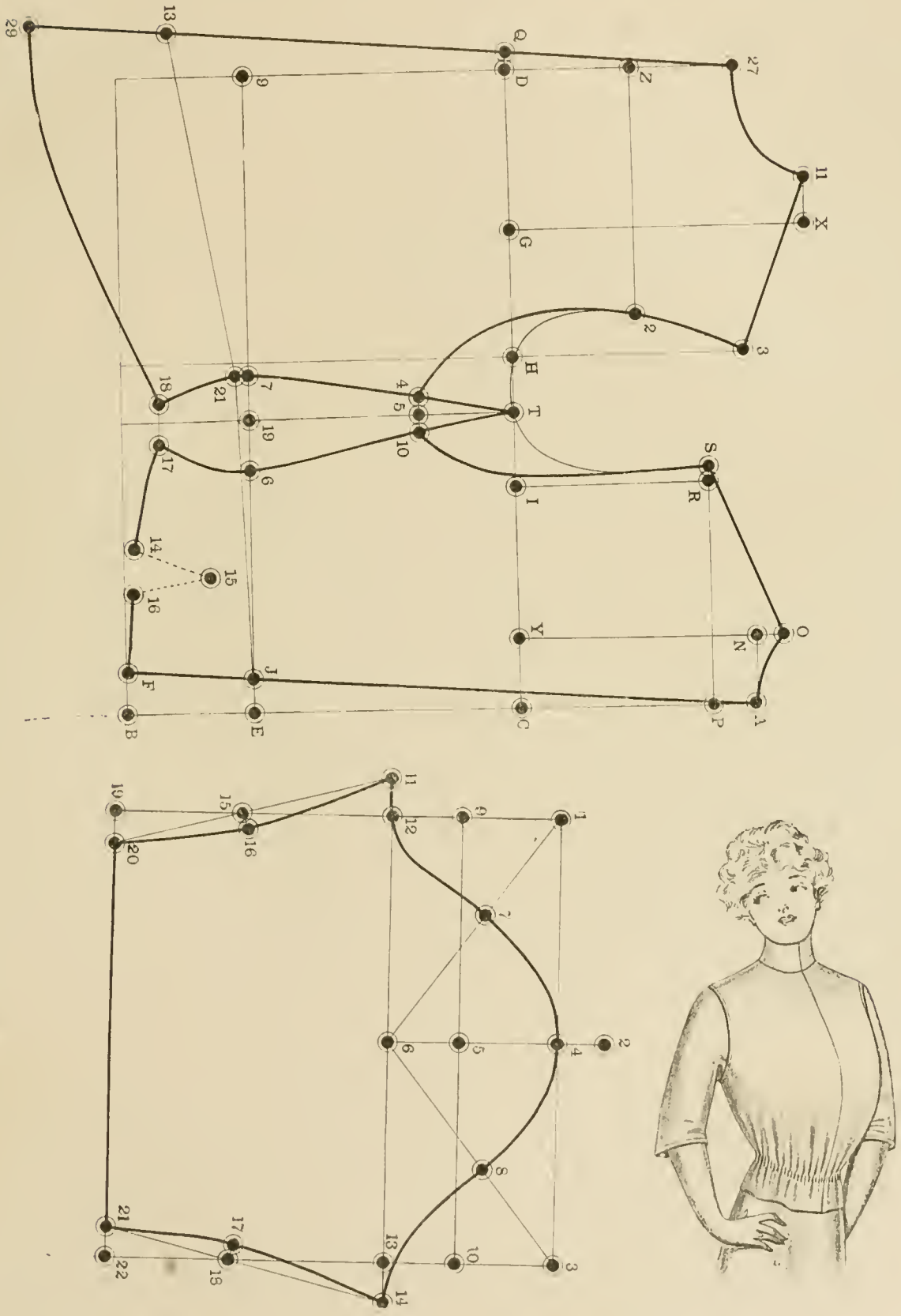

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Diagram 88

HOW TO MAKE A KIMONO SLEEVE FROM A BLOCK PATTERN.

DIAGRAM 89

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hip	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Height Back	6 — 8¼ inches
Neck	14 inches	Neck Height and to Waist	7¼—15½ inches
Length Front of Waist	7¼—17½ inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Lay back and front shoulders together, allowing between 16—17, ¼ inch.

Draw line from 18 through 17 to 10, 19 inches, length of sleeve to elbow.

18 to 11 is 10 inches. Square over 11 to 7, 7 inches. 11 to 12 is 6 inches.

Square points 7—12 down to 8—13. Connect 13 with 8. From 10 to 9 is 1 inch.

Shape bottom as shown.

At the underarm of waist on back part we gain 1 inch, from 14 to 7, 5 to 6.

At the underarm of waist on front part we lose ¼ inch, from original line to 12, and 21 to 22.

Shape the underarm of waist at 12—7 round as shown.



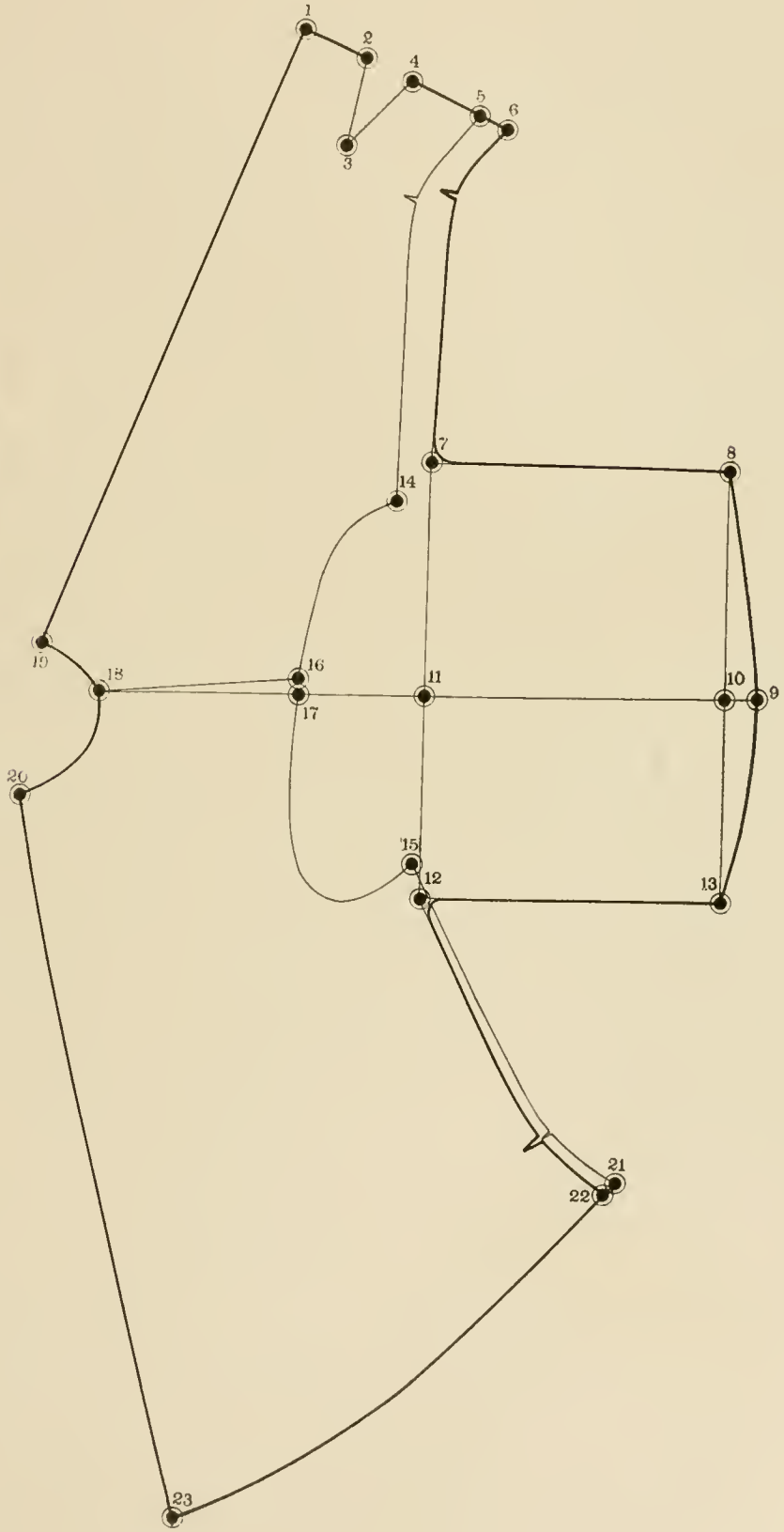


Diagram 89

KIMONO WAIST WITH AN UNDER GORE WORKED FROM A BLOCK PATTERN

DIAGRAM 90

MEASURES.

Bust	38 inches	Across Back	14 inches
Waist	25 inches	Underarm	8½ inches
Hips	41 inches	Shoulder Height Front	9½— 7½ inches
Across Chest	15½ inches	Shoulder Heights Back	8¼— 6 inches
Neck	15 inches	Neck Height of Waist	7¼—15½ inches
Length Front of Waist	7—17 inches	Length of Shoulder	5¾ inches

INSTRUCTIONS.

Take your plain shirtwaist pattern, lay the two shoulders together and mark the whole blouse as diagram shows.

Cut back, neck and front out of pattern.

Bring point F exactly on H and break your pattern to get middle line G—T; open the pattern again, and drawn line G—T as diagram shows.

Measure on line G S, which is 18 inches, which is the length of sleeve to elbow.

Square over S to J and S to P, which is 8 inches.

From S to T is 1 inch.

Shape from J through T to P, as diagram shows.

From G to I is 7¾ inches.

Square over to L and N, which is 6¼ inches on each side.

Now connect M with L, L with J, R with N, and N with P.

You will see the dotted line is our original pattern.

The amount we lose from L to 1 and N to 2 we allow between B and C, which is 3½ inches.

Then take the center of B C, which gives us point E.

Square on point E down to D, 8½ inches, underarm blouse, the same as L to M and N to R.

Now square on point A, which is 10½ inches, underarm sleeve, the same distance as N to P and L to J.

Now connect the underarm to the body by bringing V to Y, X to K, U to Q and W to O.

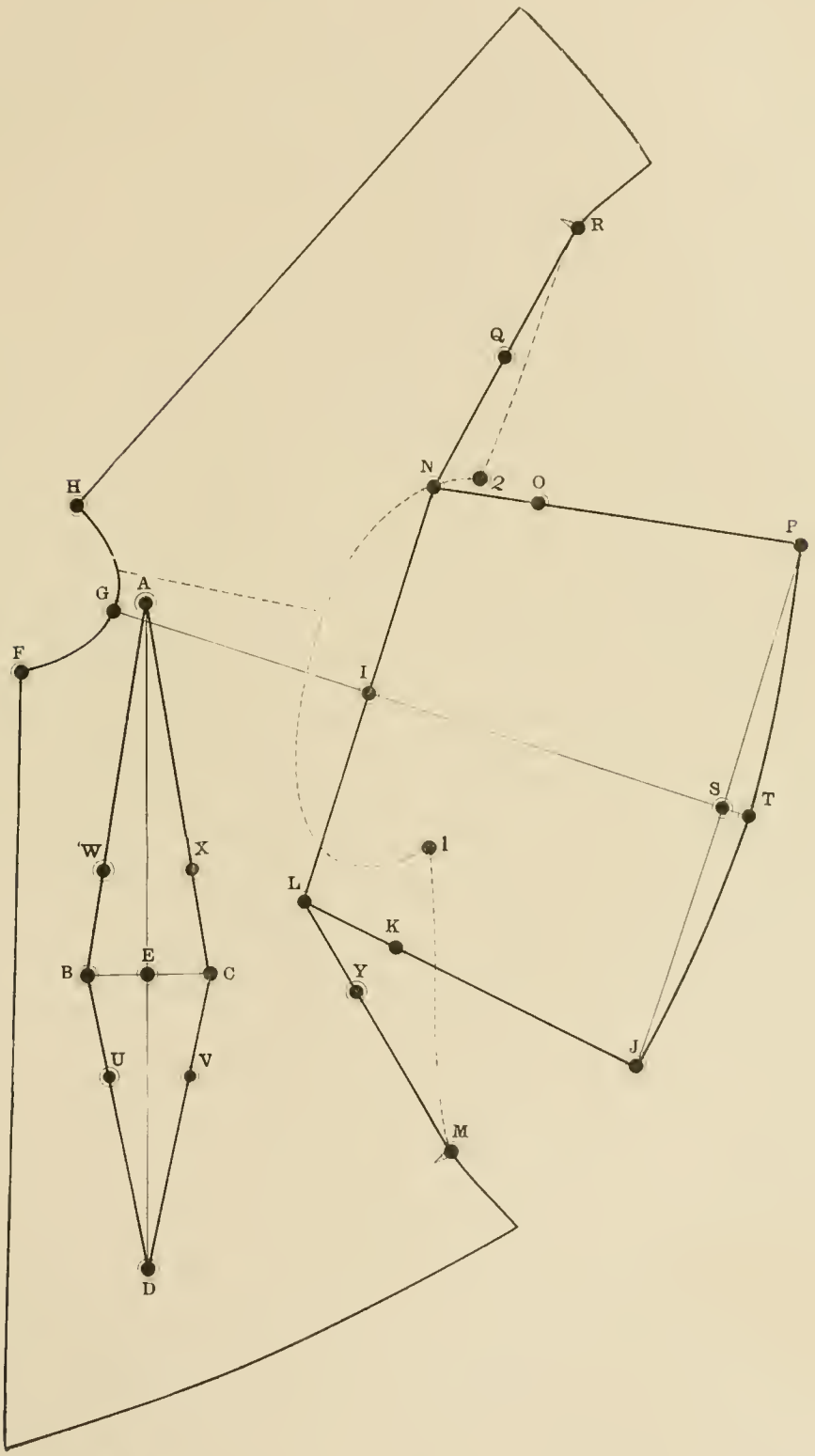


DIAGRAM 90

MANISH SHIRT WAIST SLEEVE.

DIAGRAM 91

INSTRUCTIONS.

Draw line A to B. A to 7 is 4½ inches, ⅛ of bust measure. 7 to 17 is ¼ of bust measure, 9 inches. 17 to B is ¼ of bust measure, 9 inches. B to 28 is 3 inches. These 3 inches are taken off the length for the cuff.

Square all given points. A to C is 14 inches, 4 inches less than ½ of bust measure. Square down C to D. Complete box for sleeve.

28 to 23 is ½ inch; 22 to 21 is ½ inch; 14 to 15 is 1 inch; 16 to 17 is 1 inch; 24 to 25 is 1 inch. Draw line from A to 5 and 5 to C. C to 4 is 3½ inches; A to 3 is 3½ inches; 1 to 2 is 1¼ inches. Shape sleeve as shown.

To make opening in sleeve, from 23 to 27 is 4½ inches. Square up to 27, 5½ inches to 20. The piece set on over opening, is 1½ inches wide, as shown, from 27 to 26, 20 to 19 and up to 18.

For cuff, draw line 11 to 13, 9 inches. Take center at 12, square up to 9, 6 inches. 8 and 10 is ½ the distance of 12—9, which is break line for turn back cuff. From 22 to 23 gather sleeve to fit cuff at 13 to 11.

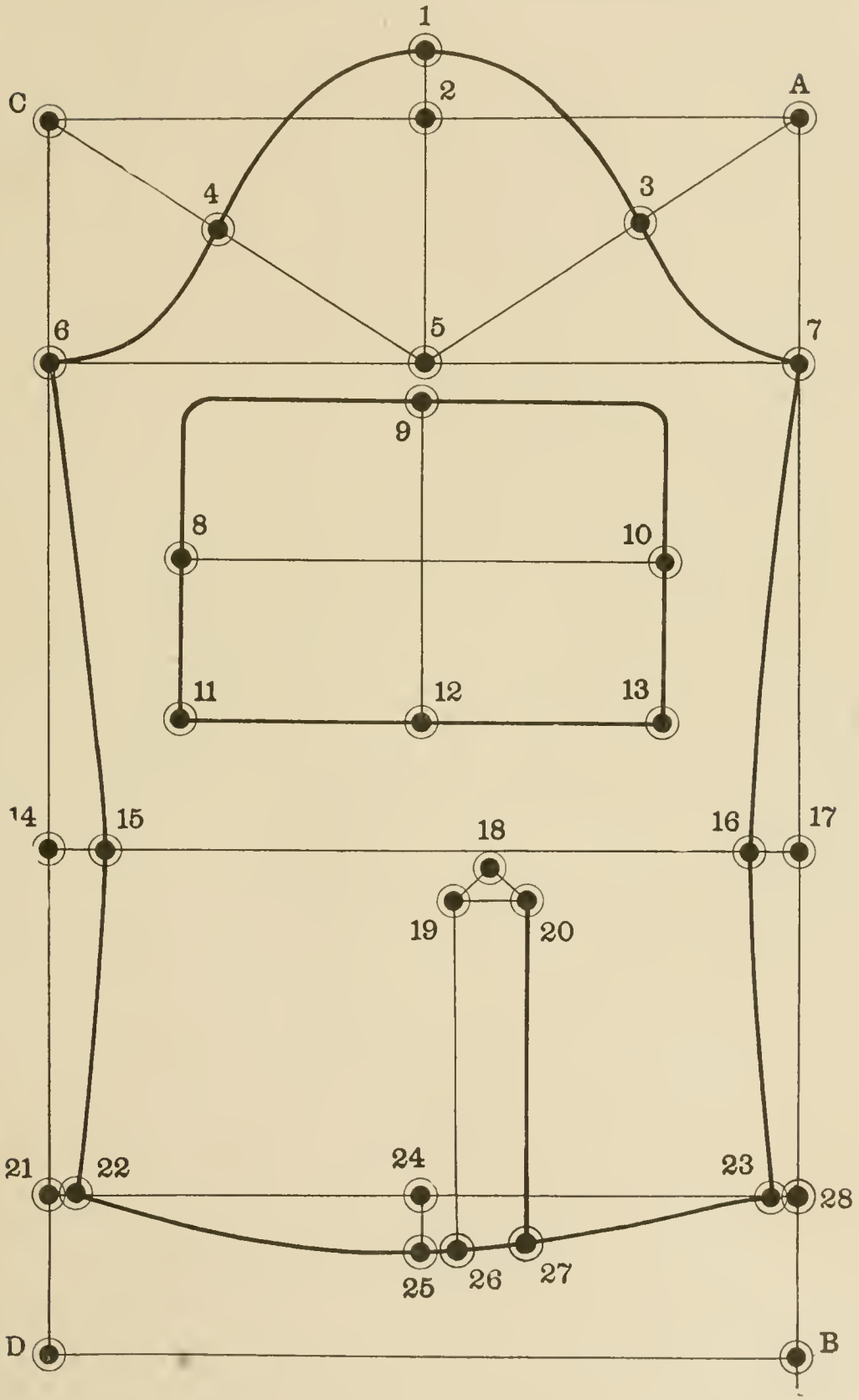

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Diagram 91

HOW TO MAKE SHAWL COLLAR AND LAPEL.

DIAGRAM 92

INSTRUCTIONS.

Measure from the deepest point of neck, 22 to 23, 1 inch.

Draw a line from the bottom of lapel at 26 through 23 to 24.

32 to 21 is 2¾ inches, ¼ inch more than back neck measure.

Square over on line 24—26, 1¼ inches to 25, standing band, and over to 35.

35 to 36 is ½ inch allowed for spring.

Shape back line of collar from 25, 24, 21 to 36.

Shape collar and lapel as diagram shows.

Place separate piece of paper under collar and trace out according to shape of collar.

To trace out lapel, break on line 26, 24, turn paper under, and trace out the shape of lapel, which will be reversed on opposite side.

HOW TO MAKE NOTCH COLLAR.

DIAGRAM 93

INSTRUCTIONS.

Follow same instructions as given in shawl collar with the exception from 19 to 18, draw line which gives the notch.

Shape as shown.

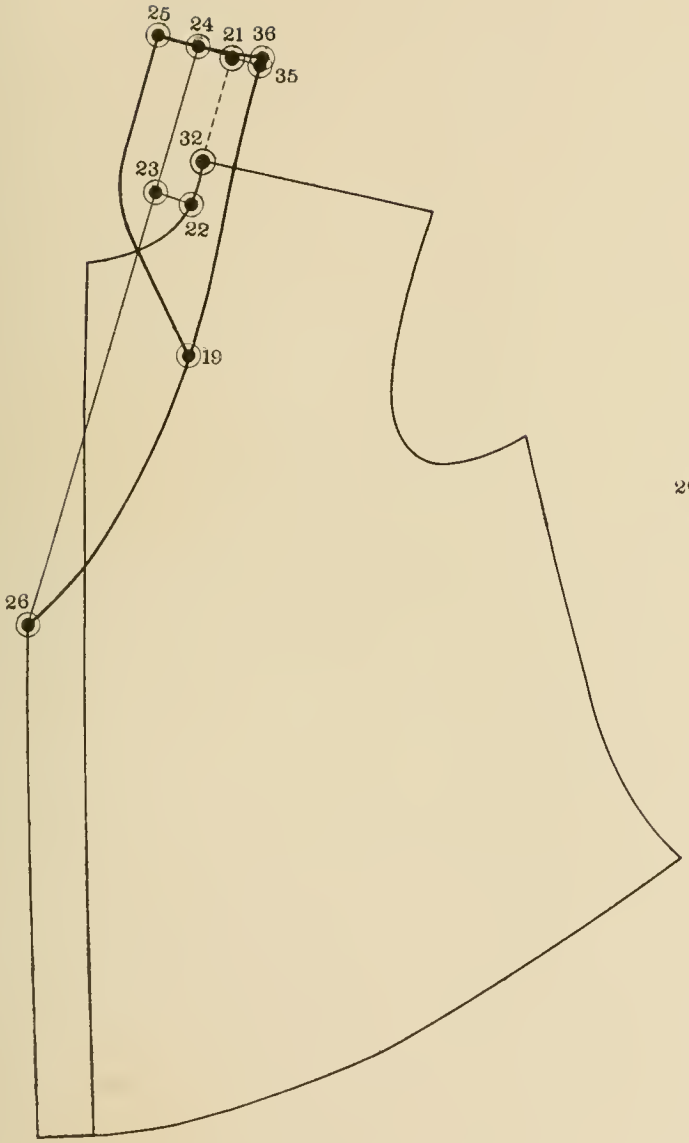


DIAGRAM 92

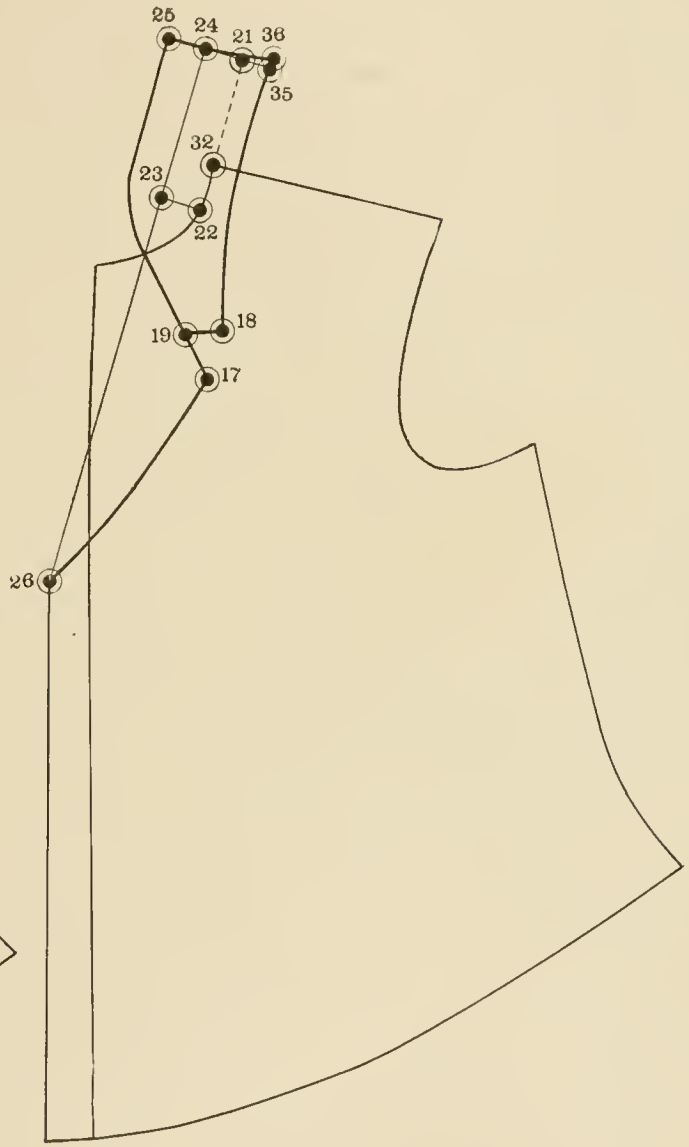


DIAGRAM 93

HOW TO MAKE A LAY-DOWN COLLAR FROM BLOCK PATTERN WITHOUT STAND BAND.

DIAGRAM 94

INSTRUCTIONS.

Lay back and front shoulders together at points 4—7. Make collar any desired width, in this case 4 inches.

At back from 2 to 1 allow $\frac{1}{4}$ inch for spring.

Shape collar as shown from 3—1—2—5 to 6.



DIAGRAM 94

HOW TO MAKE A SAILOR COLLAR FROM BLOCK PATTERN WITHOUT STAND BAND.

DIAGRAM 95

INSTRUCTIONS.

Lay front and back shoulders together at points 4—7. Make collar any desired length, in this case from neck to 6 is 6 inches.

Draw straight line from 6 to 4.

From 2 to 1 is ¼ inch allowed for spring. Collar is 7 inches deep in back.

Draw line from 3 to 1. Square over on this line 7 inches to 5. Shape collar from 6—5 as shown.

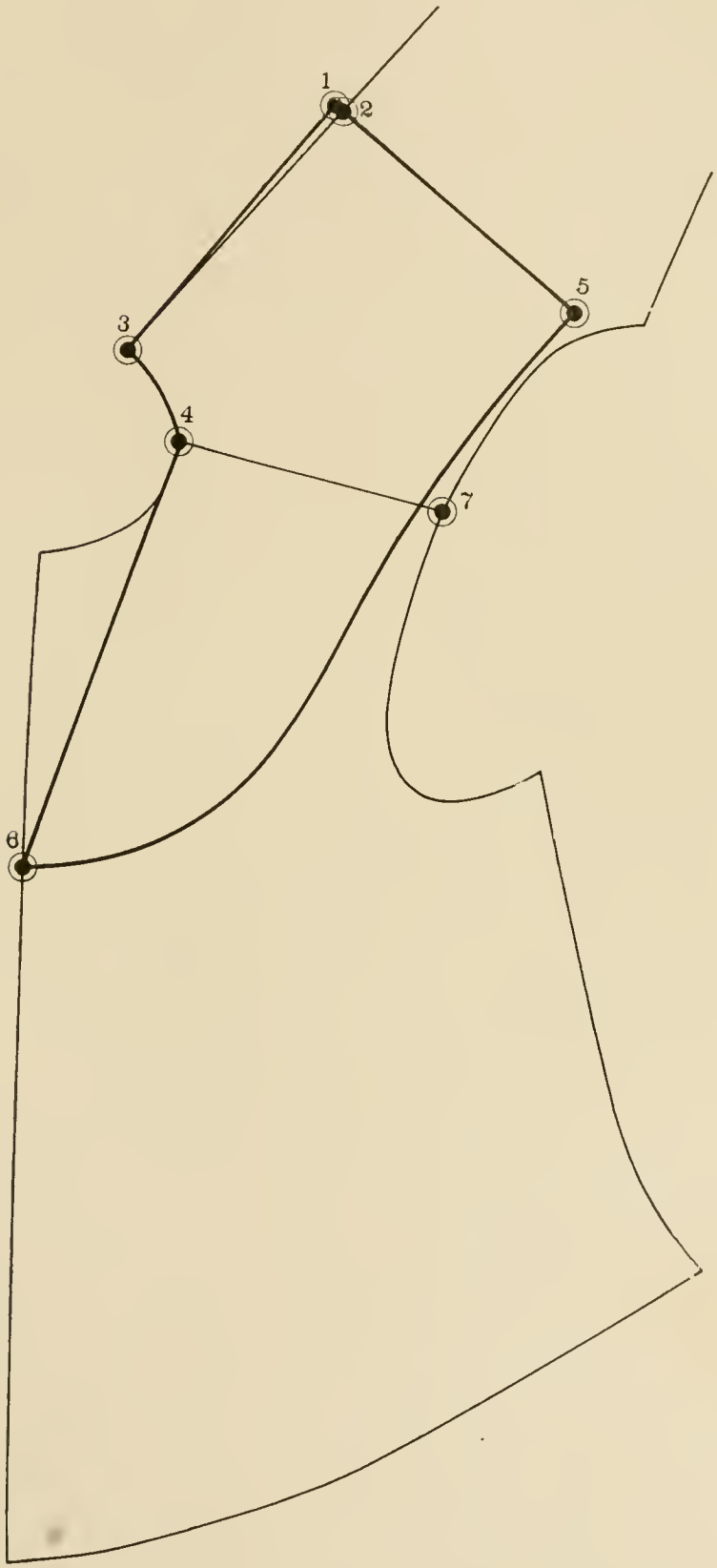


DIAGRAM 95

Skirts

HIPLESS OR HOBBLE SKIRTS IN ONE PIECE.

DIAGRAM 96

MEASURES.

Waist 25 inches Length Side 43½ inches
Hip 41 inches Length Back 45 inches
Length Front 42 inches

INSTRUCTIONS.

Draw line A B.

A to C is 4 inches.

Square over A to F and C to E 12½ inches ½ of waist measure plus 5 inches, in this case 17½ inches.

These 5 inches are taken out between the darts at waist line.

We allow these 5 inches in order to have less sweep at the bottom of skirt.

Connect F with E.

C to K is ½ inch.

F to I is ¾ inch.

Draw waist line from K to I.

Measure down from waist line 6 inches to dotted line D G.

Measure hip from D G 20½ inches, ½ of hip measure.

Draw back line from I through G to H 45 inches.

Front length from K to B, 42 inches.

Side length, 43½ inches, and shape bottom as shown.

This completes the box for hipless skirts.

From front line on hip line measure from D to T 3½ inches, T to S 6½ inches; S to R 6½ inches.

At waist line K to X is 3 inches, X to W is 6 inches, and W to Y is 6 inches.

Measure from X to P ¼ inch, X to O ¼ inch. X to V is 5 inches.

Shape dart from V to P and V to O.

Measure from W to N 1¼ inches and W to M 1¼ inches.

Shape dart from S to N and S to M.

Measure from Y to I, 1 inch, Y to J 1 inch.

Y to U is 5½ inches.

Shape dart through U to L and U to J.

This completes the hipless skirt.



Diagram 96

EMPIRE SKIRT.

DIAGRAM 97

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	41 inches	Length Back	47 inches
Length Side		45½ inches	

INSTRUCTIONS.

Draw line A, B.
A to C is 4 inches.
Square over from A to F and C to E, 12½ inches, ½ of waist measure plus 5 inches, in this case 17½ inches. These 5 inches are taken out between darts at waist line.
Connect F with E.
C to K is ½ inch.
F to I is ¾ of an inch.
Draw waist line K, I.
Measure down from waist line 6 inches to dotted line D G.
Measure hip, D, G, which is 20½ inches, ½ of hip measure.
To make skirt Empire, measure up from the natural waist line, K, I, 2 inches, which gives us points Z and Q.
Connect Z to Q.
Now draw a line from Q through I, G to H, 47 inches, length of skirt in back.
The front length from Z to B, 44 inches.
Side length, 45½ inches.
This completes the box of Empire Skirt.
From front D to T on hip is 3½ inches.
T to S is 6½ inches.
S to R is 6½ inches.
On natural waist line K to X is 3 inches, X to W is 6 inches, and W to Y is 6 inches.
Draw a line from T through X to Empire waist line.
At natural waist line measure from X to P ¼ inch and X to O ¼ inch.
At top of waist line measure from 8 to 9 ⅛ inch and from 8 to 7, ⅛ inch, and shape dart as shown.
Draw a line from S through W to Empire waist line.
From W measure ¾ inch to N and from W ¾ inch to M.
At top of waist line measure from 5 to 6, is ⅝ inch, and from 5 to 4, is ⅝ inch.
Shape dart as shown.
Draw a line from R through Y to Empire waist line.
Measure from Y to L ⅝ inch and from Y to ⅄ ⅝ inch.
At top of waist line measure from 2 to 3, ½ inch and 2 to I, is ½ inch.
Y to U is 5 inches.
Shape dart as shown.

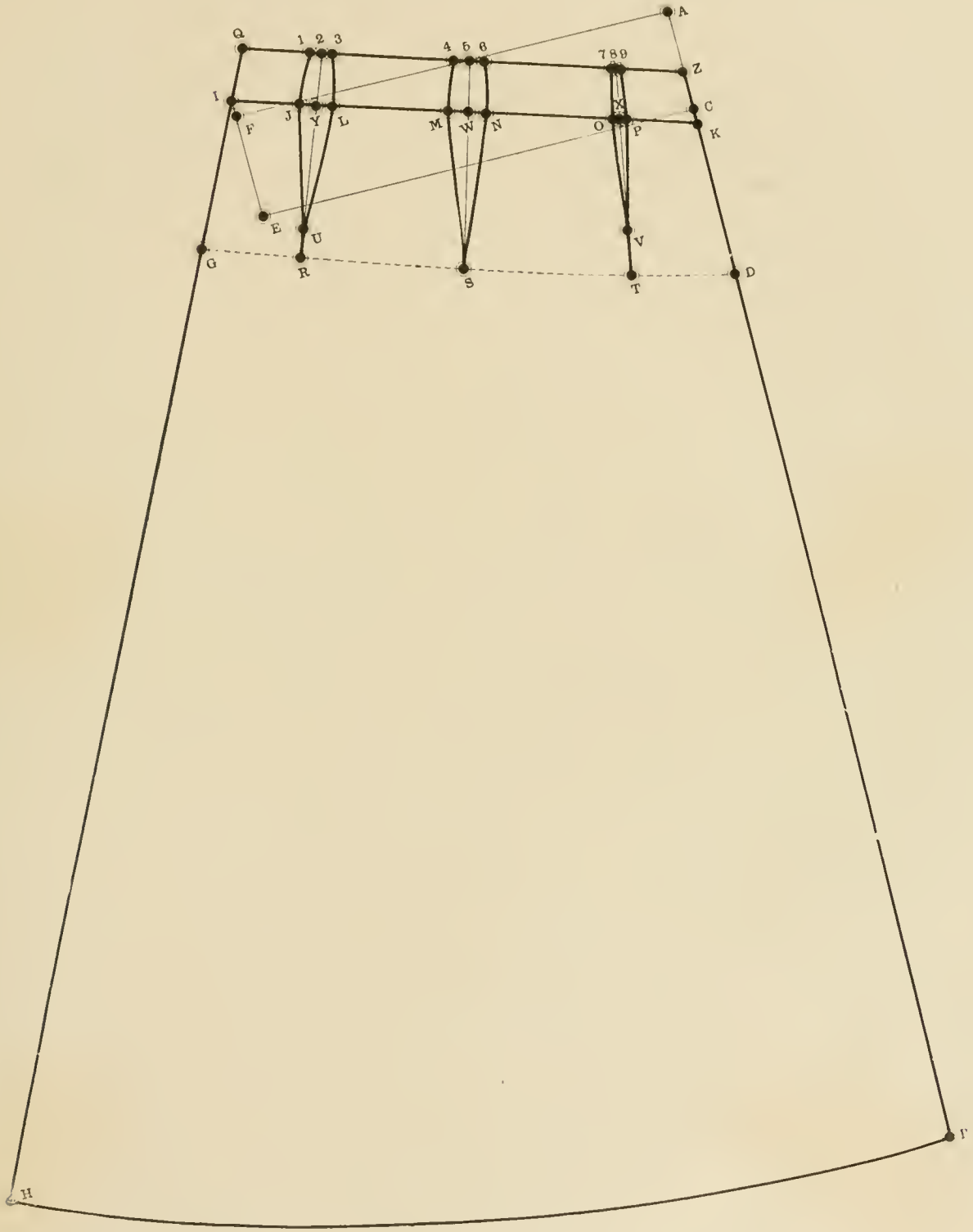


Diagram 97

HOBBLE SKIRT WITH SIDE PLEAT

DIAGRAM 98

MEASURES.

Waist	25 inches	Front, length	40 inches
Hip	41 inches	Right, length	42 inches
		Back, length	43 inches

INSTRUCTIONS

Follow same instruction as given in diagram 99, Page 194, with exception, at bottom 9 is the center of B H. Draw line from W. to 9. To form inverted pleat in the side, measure from 9 up to 3-15 inches, from 3 over to 4-5-2-1-1½ inches to each point. At bottom, measure from 9 over to 10-11-8-7-2 inches to each point. This completes skirt.

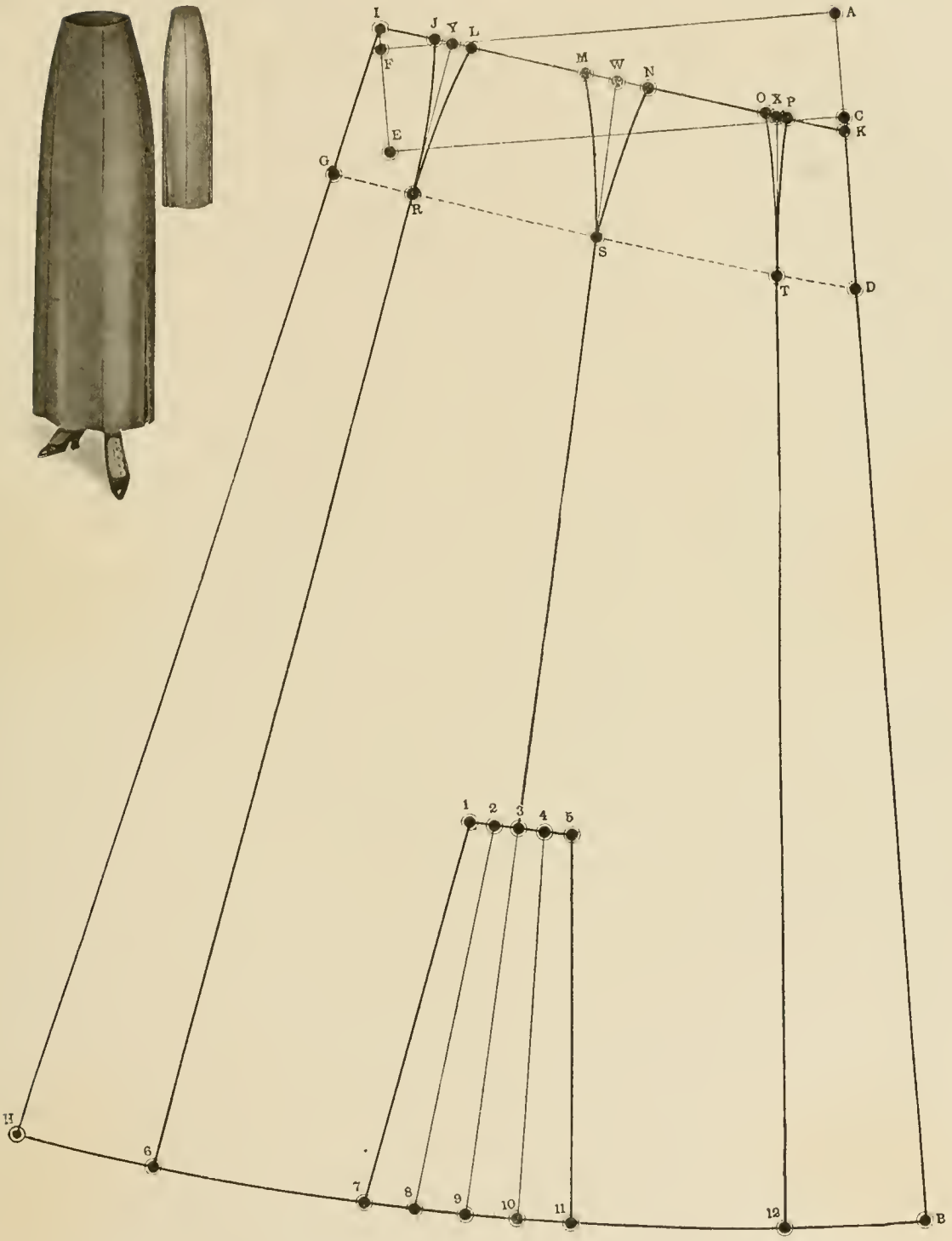


DIAGRAM 98

HOBBLE SKIRT

DIAGRAM 99

MEASURES.

Waist	25 inches	Front, length	40 inches
Hip	41 inches	Right, length	42 inches
		Back, length	43 inches

INSTRUCTIONS.

Draw a line A—B.

A to C is 4 inches.

Square over.

A to F and C to E is 12½ inches, ½ of waist measure plus 5 inches, in this case 17½ inches.

These 5 inches are taken out between the dart at waist line. We allow these 5 inches in order to have less sweep at the bottom of skirt.

Connect F with E.

G to K is ½ inch.

F to I is ¾ inch.

Draw waist line K to I.

Measure down from waist line 6 inches to dotted line D—G.

Measure hip from D—G, 20½ inches. ½ of hip measure, 41 inches.

At front line hip, from D to F is 4 inches, B to 2 is 6 inches at bottom.

Draw line from 2 through T to x. X to P is ½ inch and x to O is ½ inch.

Shape dart as shown.

At back on hip, G to R is 3 inches at bottom, 3to 1 is 4½ inches. 3 to H is 5 inches.

Square over 3 to 1, draw line from 1 through R to Y.

Y to L is ¾ inch. Y to J is ¾ inch.

Shape as shown.

Take the center of R and T on hip, which gives us point S.

Take the center of L—O at waist line, which gives us point W.

Draw line from S to W. W to N is 1¼ inches. W to M is 1¼ inches.

Measure up from bottom skirt to Q.

12 inches from 2 to Z.

12 inch cut through the side panel as shown.

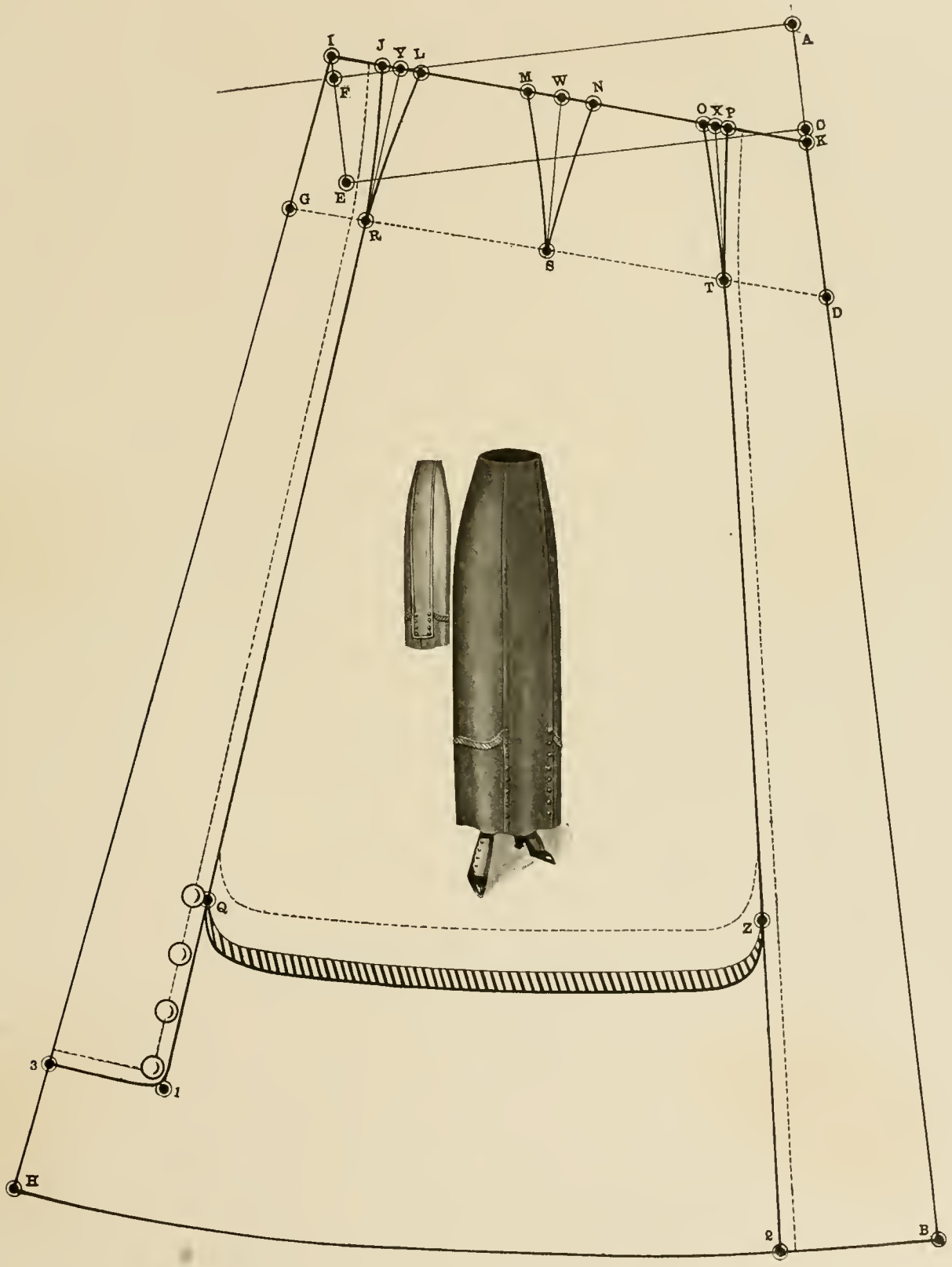


Diagram 99

PANTALOON SKIRT.

DIAGRAM 100

MEASURES.

Waist	25 inches	Length Front	42 inches
Hip	41 inches	Length Side	43½ inches
		Length Back	45 inches

INSTRUCTIONS.

Draw line A B.
A to C is 4 inches.
Square over A to F and C to E 12½ inches, ½ of waist measure plus 5 inches, in this case 17½ inches.
These 5 inches are taken out at the waist line, between the dart and at center back.
Connect F with E.
C to K is ½ inch.
F to I is ¾ inch.
Draw waist line K to I.
O is ½ the distance between K—I.
From P to W is ½ inch.
Draw new waist line from K through W to I.
Measure down from new waist line K, W, I, 6 inches to dotted line D G.
D G is 20½ inches, ½ of hip measure.
Draw back line from I through G to H, 45 inches.
Side length, 43½ inches.
Front length, 42 inches.
Shape bottom as shown. This completes box.
At front, from K down to 14 is 14½ inches.
Square over from 14, 6½ inches to 11.
14 to 12 is 2½ inches.
At bottom, from B to 10 is 6½ inches.
Shape top as shown.
At bottom, 7 is ½ the distance between B H.
Draw line from 7 up to W.
At waist line, measure from W down to S, 16½ inches for pleat.
W to N is 2½ inches.
W to M is 2½ inches.
From S to U, 4 inches.
From S to T, 4 inches.
At bottom, 7 to 8 is 6 inches.
7 to 6 is 6 inches, draw line.
Shape top gores as shown.
At center back on waist line I to X is ½ inch.
At hip to G to Z is ½ inch.
From I measure down to 3, 18½ inches.
Square over from 3 to 1, 8 inches.
3 to 2 is 2½ inches.
At bottom From H to 4 is 8 inches, draw line.
Shape top as shown.
The front and back panels are cut separate from the skirt.
K to O is 3 inches.
At bottom, B to 9 is 6 inches
At back. X to Y is 3 inches.
At bottom. H to 5 is 6 inches. Shape as shown.
Center front and back panels are cut on the fold of material.

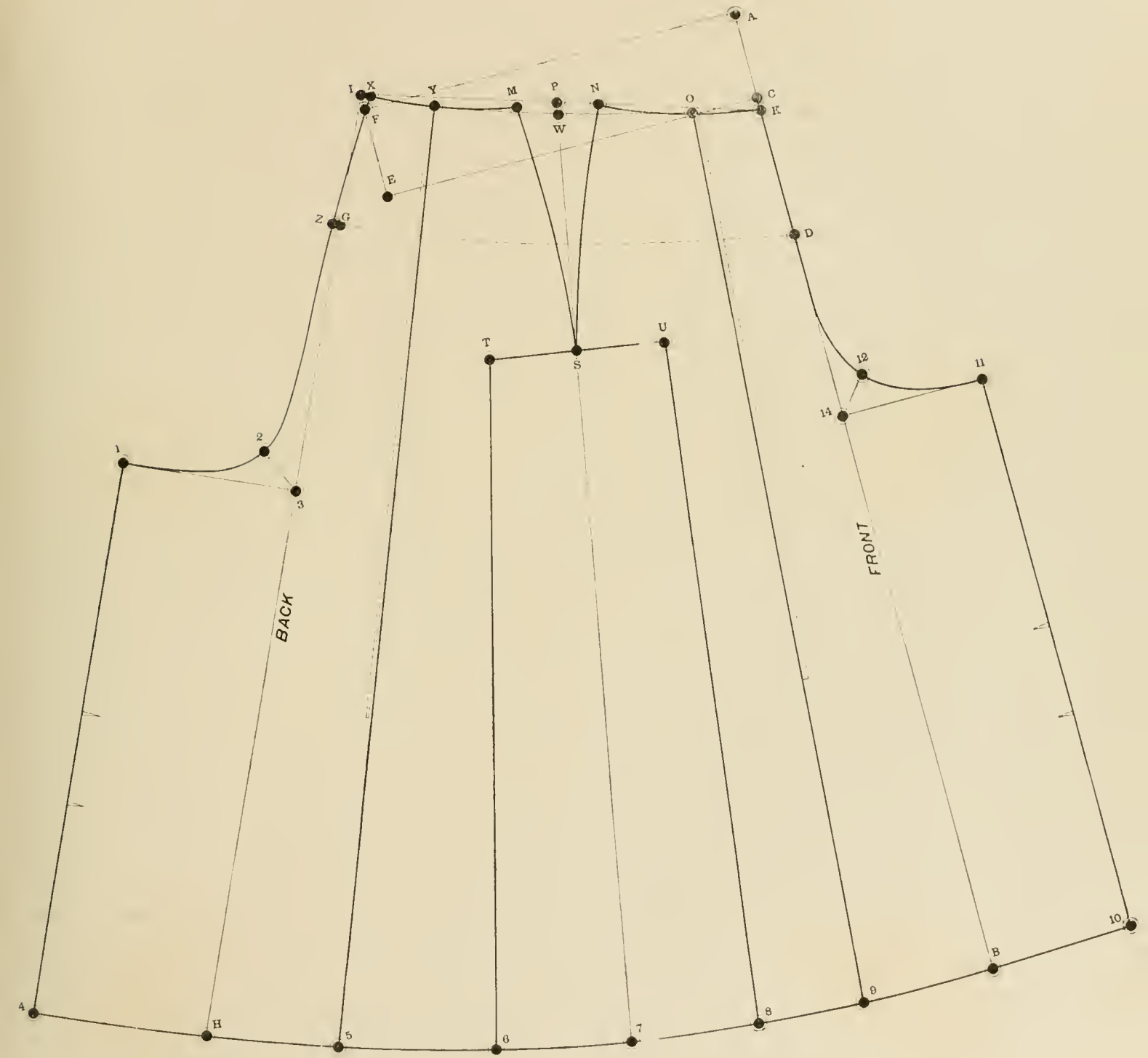


Diagram 100

CIRCULAR SKIRT.

DIAGRAM 101

MEASURES.

Waist	25 inches	Length Front	42 inches
Hip	42 inches	Length Side	43½ inches
		Length Back	45 inches

INSTRUCTIONS.

Draw a line A B.

A to C is 4 inches.

Square over from A to F and C to E is 8½ inches.

Connect F with E.

C to K is 1 inch.

F to I is 3 inches.

Draw straight line connecting K with I.

Take the center of I K, which gives us point Q.

Q to R is 1¾ inches.

Draw new waist line from K through R to I.

Measure down from new waist line 6 inches to dotted line D G.

Measure hip D to G, which is 21 inches, ½ of hip measure.

Draw a line from I through G to H 45 inches, the length of skirt in back.

The front length from K to B is 42 inches.

Side length, 43½ inches, and shape bottom as diagram shows.

To make inverted pleat at the center back, go out at waist line from I to N 2 inches and 2 inches from N to M.

At the bottom go out from H to L 5 inches and L to J 5 inches.

To form inverted pleat, take up on line I H and meet at center back line M J.

This completes the circular skirt.

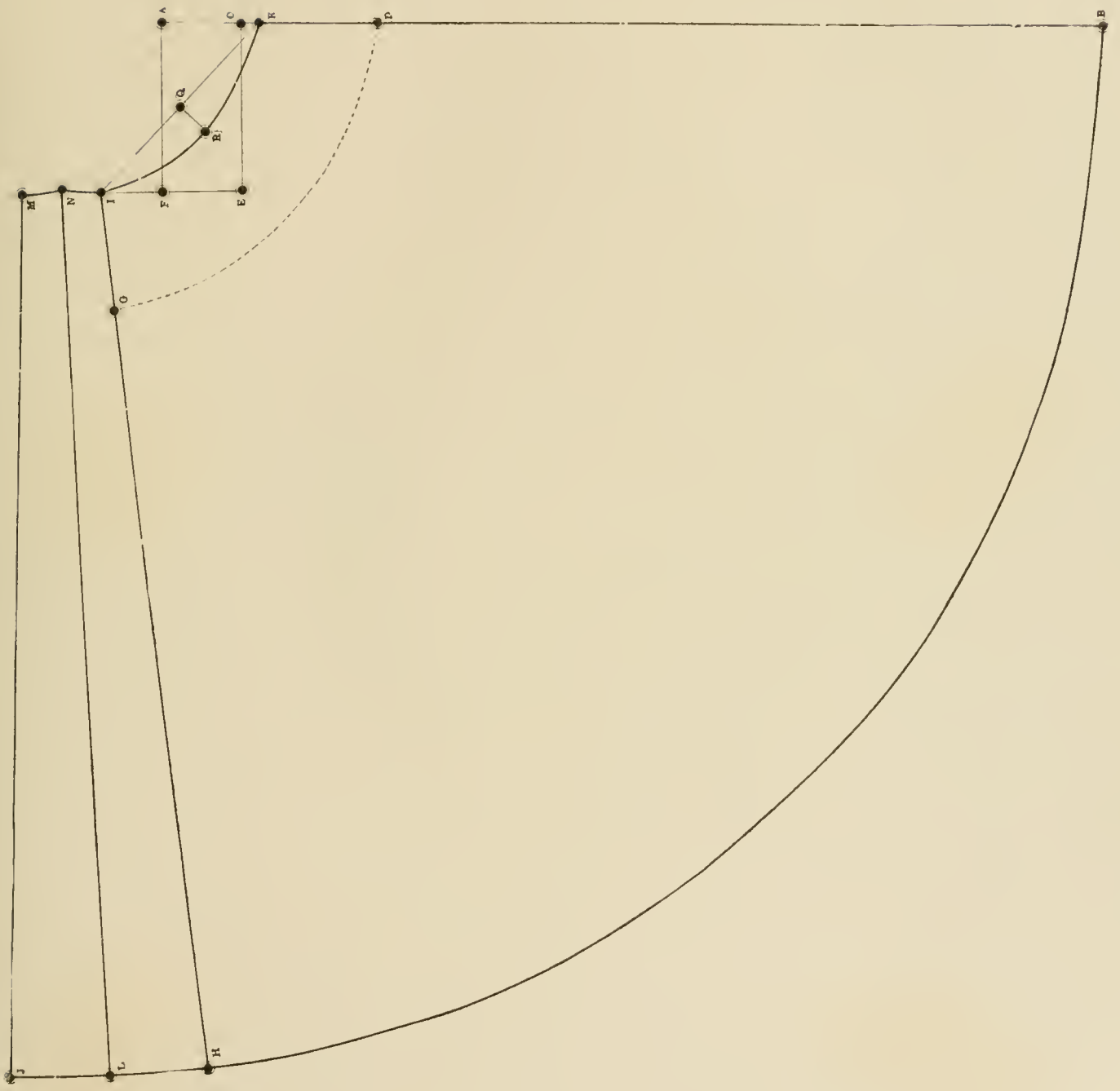


DIAGRAM 101

THREE-GORE SKIRT.

DIAGRAM 102

MEASURES.

Waist	25 inches	Length Front	42 inches
Hip	42 inches	Length Side	43½ inches
	Length Back	45 inches	

Draw line A B.

A to C is 4 inches.

Square over A to F and C to E 12½ inches, which is ½ of waist measure plus 1½ inches, in this case 14 inches.

Connect F with E.

From C to K is 1 inch.

F to I is 1½ inches.

Draw a straight line from K to I.

Take the center of K and I, from this point 20 measure down ½ inch to R.

Shape new waist line from K through R to I.

Measure down from new waist line 6 inches to dotted line D G.

Measure D G, which is 21 inches, ½ of hip measure.

Draw a line from I through G to H, 45 inches, length of skirt in back.

Front length from K to B is 42 inches.

Side length, 43½ inches, and shape bottom as diagram shows.

This completes the box for a three gore skirt.

Front gore at hip D to T is 3 inches.

At the bottom B to V is 7 inches.

Draw a line from V through T to L.

Measure from L to O ¼ of an inch and L to P ¼ of an inch.

Shape gore from P to T and O to T.

S is about ½ the distance from T to G.

R to S is 4 inches.

Measure from R to N 1 inch and R to M 1 inch.

Shape dart from N to S and M to S.

This completes the three gore skirt.

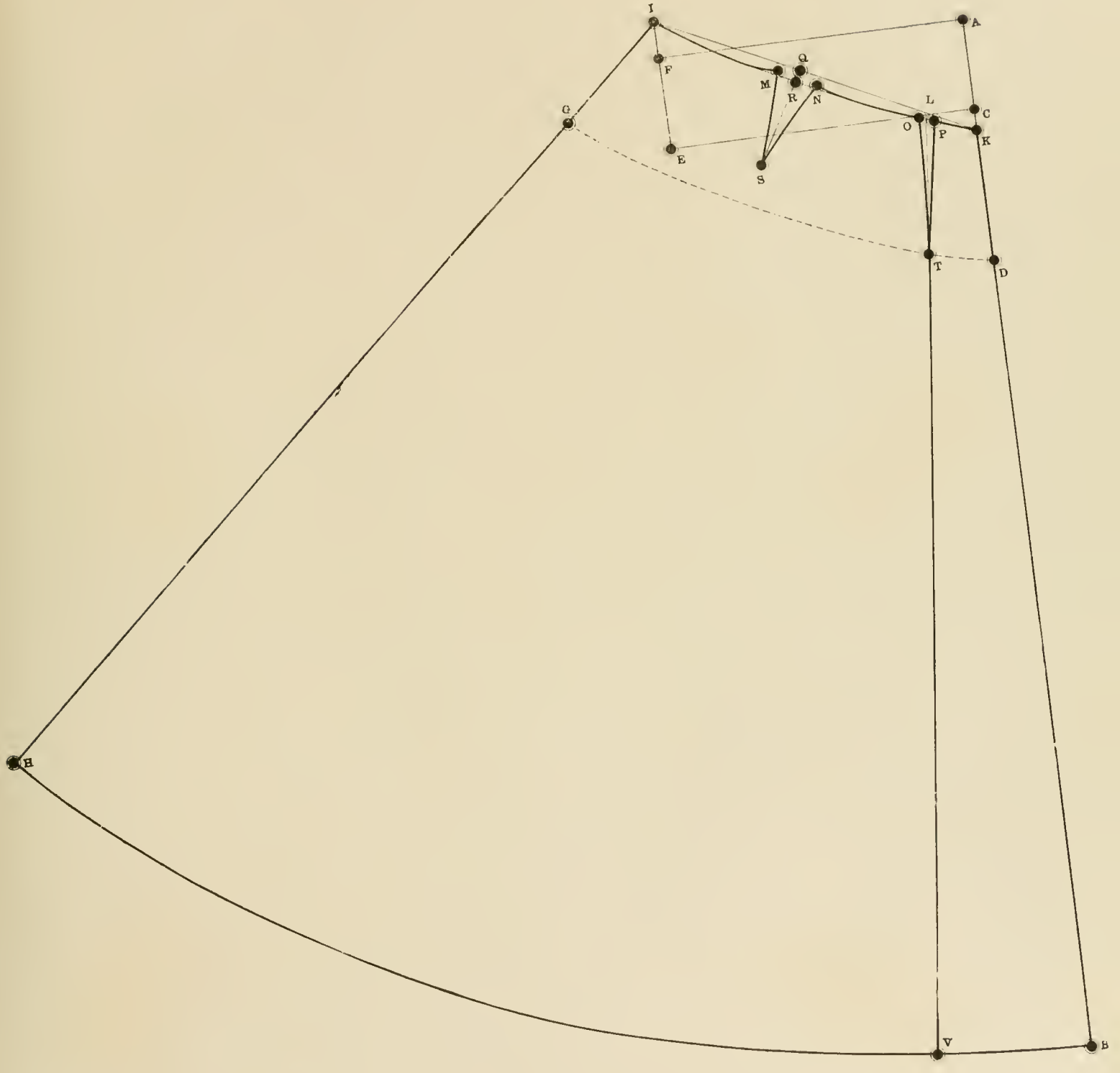


DIAGRAM 102

FIVE-GORE FLOUNCE SKIRT.

DIAGRAM 103

MEASURES.

Waist Measure 24 inches Hip Measure. 42 inches

Length 42 inches

INSTRUCTIONS.

1. Follow the five-gore skirt exactly as described in the following lesson, diagram, 104, page 204.

2. C to Q is ¼ hip measure, 10½ inches.

 C to L is 16 inches, or ¾ of 21 inches, ½ of hip measure plus ¼ inch.

 Flounce from H to J in back is 16 inches, and in front, from B to K, 8 inches. Using L as a pivot, sweep top of flounce K—R. R to K measures the same as K to J.

 Using Q as a pivot, sweep curve B—I. I is straight through R to Q.

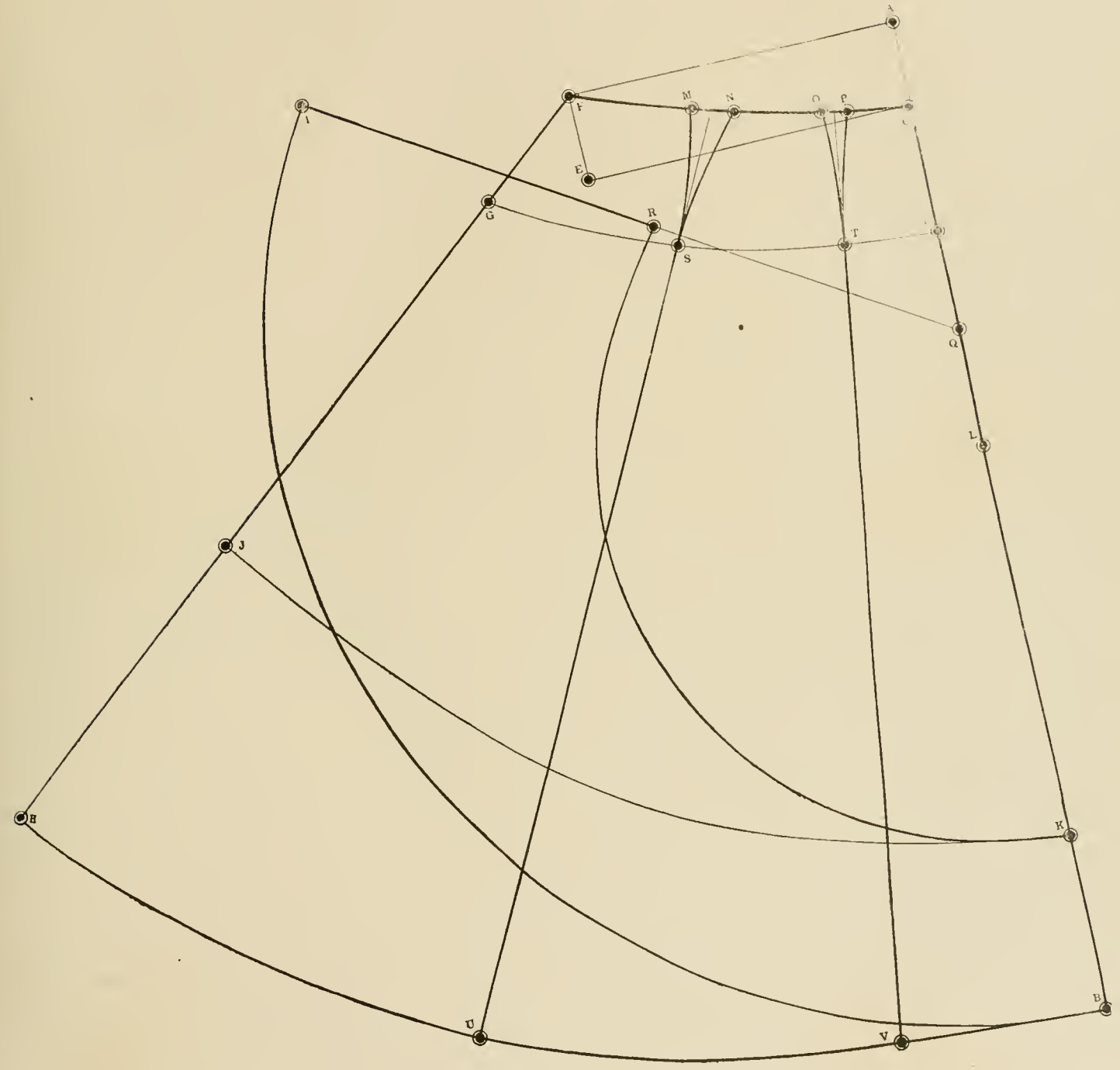


Diagram 103

FIVE GORE SKIRT.

DIAGRAM 104

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	42 inches	Length Side	45½ inches
		Length Back	47 inches

INSTRUCTIONS.

Follow same instructions for box as given for three gore skirt in diagram 102, page 200, with the exception of an extra gore. This gore is obtained by taking ½ the distance from V to H, which gives us point U.

Take ½ the distance from T to G on hip, which gives us point S.

Now draw a line from U through S to R.

Measure from R to N 1 inch.

Measure from R to M 1 inch, and shape gore from N to S and M to S as diagram shows.

This completes the five gored skirt.

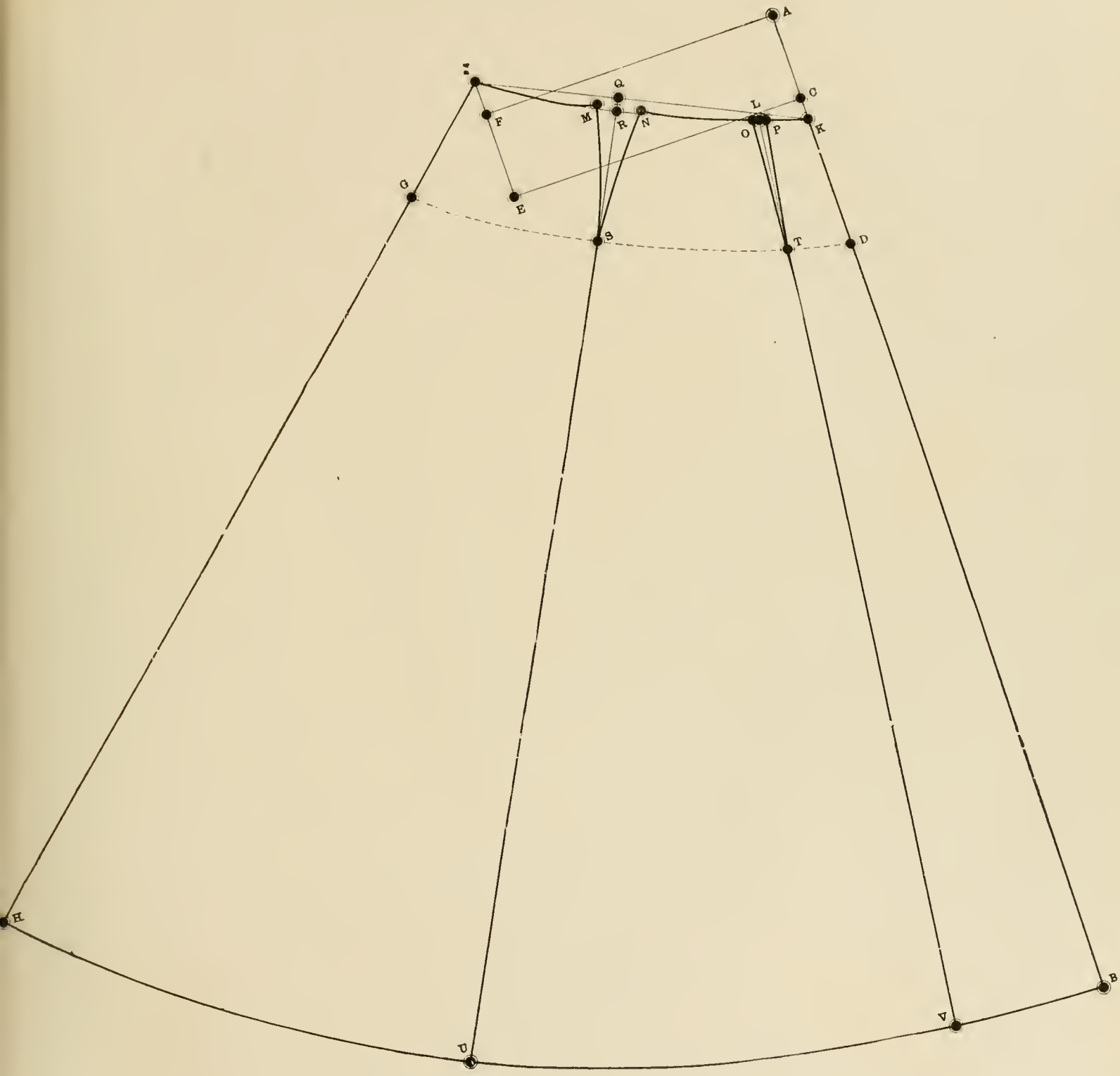


Diagram 104

SEVEN GORE SKIRT.

DIAGRAM 105

MEASURES.

Waist	25 inches	Length Front	42 inches
Hip	42 inches	Length Side	43½ inches
		Length Back	45 inches

Draw line A B.

A to C is 4 inches.

Square over from A to F and C to E, 12½ inches, ½ of waist measure plus 4 inches, in this case 16½ inches. These 4 inches are taken out between the darts as at top of waist line.

Connect F with E.

C to K is 1 inch.

F to I is 1½ inches.

Draw straight line from K to I.

Take the center of K, I, go down ½ inch and draw new waist line.

Measure down from new waist line 6 inches to dotted line D to G.

Measure hip, D to G, which is 21 inches, ½ of hip measure.

Draw line from I through G to H, 45 inches, the length of skirt in back.

Front length from K to B is 42 inches.

Side length, 43½ inches, and shape bottom as diagram shows.

This completes the box for a seven gore foundation.

All skirts with more than seven gores require the same foundation.

The front gore at hip, D to T, is 3 inches.

B to 3 at bottom is 5 inches. Draw a line from 3 through T to waist line.

From this line ⅜ measure inch to O and ⅜ inch to P, and shape gore from P to T, and O to T.

Now take the distance from T to G and divide equally into 3 gores of 6 inches each, which gives us points S and R.

At bottom take the distance from 3 to H and divide equally into 3 gores of 12 inches each, which gives us points 1 and 2.

Draw a line from 2 through S to waist line.

From this line measure 1 inch to N and 1 inch to M, and shape gore from N to S and M to S.

From 1 draw a line through R to waist line. From this line measure ⅝ inch to L and ⅝ inch to K, and shape gore from L to R and K to R.

This completes the seven gore skirt.

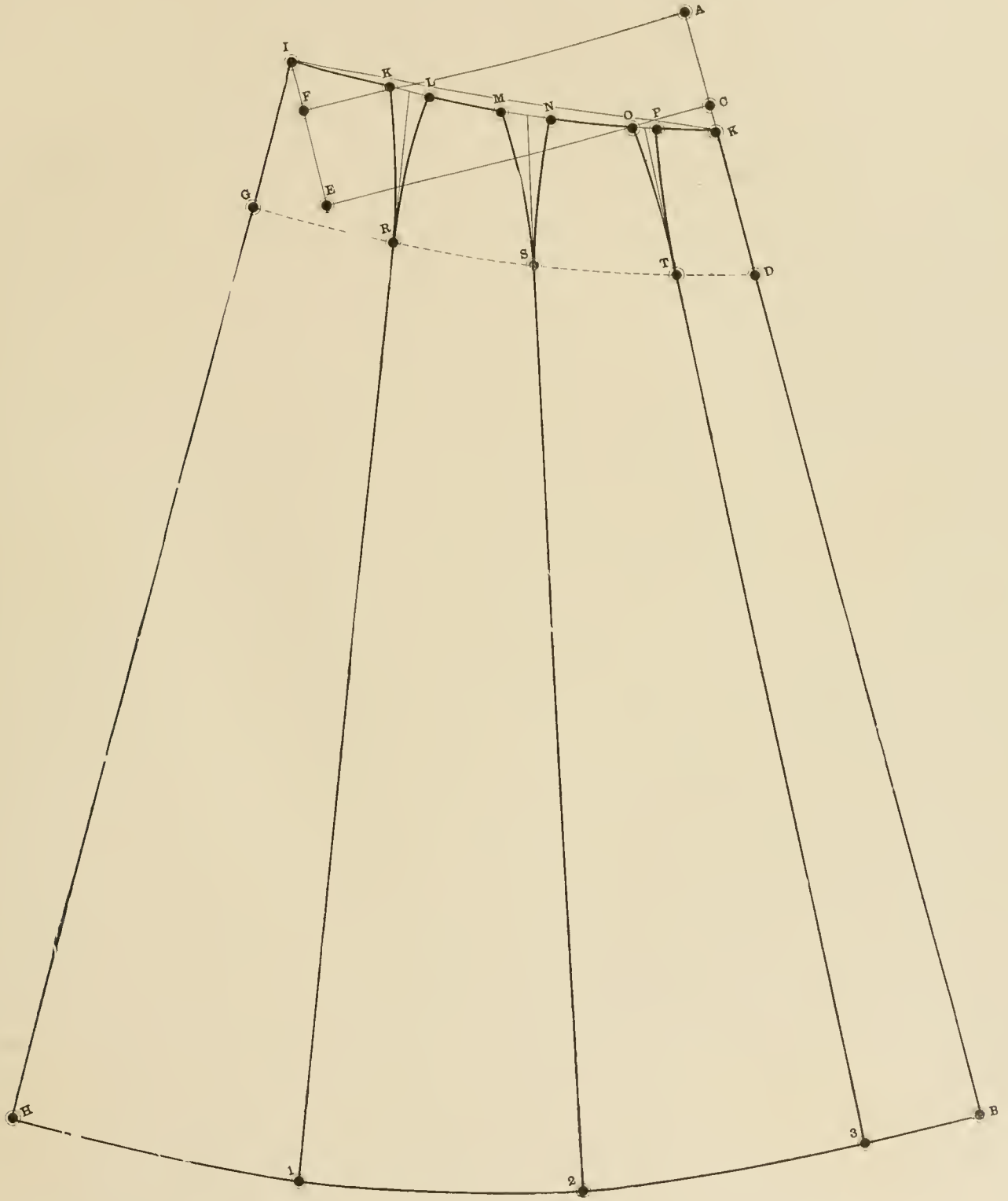


DIAGRAM 105

NINE GORE SKIRT.

DIAGRAM 106

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	42 inches	Length Side	45½ inches
	Length Back	47 inches	

INSTRUCTIONS.

Follow same instructions for box as given in diagram 105, page 206.

The front gore at hip, D to T, is 2¾ inches.

B to 4 at bottom is 6 inches.

Draw a line from 4 through T to waist line. From this line measure ¼ inch to P and ¼ inch to O, and shape gore from P to T and O to T.

Take the distance from T to G and divide equally into 4 gores of 4½ inches each, which gives us points S, R and Q.

At bottom take the same distance from 4 to H and divide equally into 4 gores of 6¾ inches each, which gives us points 3, 2 and 1.

Draw a line from 3 through S to waist line. From this line measure ⅝ inch to N and ⅝ inch to M, and shape gore from N to S and M to S.

Draw a line from 2 through R to waist line.

From this line measure ⅝ inch to L and ⅝ inch to K, and shape gore from L to R and K to R.

Draw a line from 1 through Q to waist line. From this line measure ½ inch to J, ½ inch to I, and shape gore from J to Q and I to Q.

This completes the nine gore skirt.



Diagram 106

ELEVEN GORE SKIRT FOR A FULL CORPULENT FIGURE.

DIAGRAM 107.

MEASURES.

Waist	34 inches	Length Front	42 inches
Hip	48 inches	Length Side	43½ inches
Length Back	45 inches		

INSTRUCTIONS.

Draw a line A B.
A to C is 4 inches.
Square over from A to F and C to E, 17 inches, ½ of waist measure plus 3 inches; in this case 20 inches. These 3 inches are taken out between the darts at waist line.
Connect F with E.
Draw a straight line from C to F.
Take the center from C F, go down ½ inch and draw a new waist line.
Measure down from new waist line 6 inches to dotted line D G.
Measure hip, D, G, which is 24 inches, ½ of hip measure.
Draw a line from F through G to H, 45 inches, the length of skirt in back.
Side length, 43½ inches.
Front length from C to B is 42 inches.
Shape bottom as diagram shows.
Measure down from C to 5—14 inches, which is 1-3 length of skirt, 42 inches.
Measure from 5 to 6, ⅜ of an inch.
Draw a new front line from B through 6 to X, the distance from C to the front line is ⅝ of an inch in this case, and measure up the same distance to X.
Draw a straight line X to V, which is eased in over the fullest part of the stomach.
The front gore at hip, D to Y, is 3½ inches.
B to 5 at bottom is 6 inches.
Draw a line from 5 through to Y to waist line; from this line measure ¼ of an inch to V and ¼ of an inch to U, and shape gore from V to Y and U to Y.
Take the distance from Y to G and divide equally into 5 gores, 4 inches each, which gives us points T, S, R and Q.
At the bottom take the distance from 5 to H, and divide equally into 5 gores of 8 inches each, give us points 4, 3, 2 and 1.
Draw a line from 4 through T to waist line. From this line measure ½ of an inch to P and ½ of an inch to O, and shape gore from P to T and O to T.
Draw a line from 3 through S to waist line, from this line measure ½ of an inch to N and ½ of an inch to M, and shape gore from N to S and M to S.
Draw a line from 2 through R to waist line.
From this line measure ½ inch to L and ½ inch to K.
Shape gore from L to R and K to R.
Draw line from 1 through Q to waist line.
From this line measure ⅜ of an inch to J and ⅜ of an inch to I, and shape gore from J to Q and I to Q.
This completes the 11 gore skirt, for a figure with a high stomach.



DIAGRAM 107

ELEVEN GORE FLARE.

DIAGRAM 108

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	42 inches	Length Side	45½ inches
		Length Back	47 inches

INSTRUCTIONS.

Follow same instructions for box as given in diagram 105, page 206.

Front gore at hip, D to Y, 3 inches.

B to 15 is 6 inches.

Draw a line from 15 through Y to waist line, from this line go out ¼ inch to V and ¼ inch to U, and shape gore from V to Y and U to Y.

Take the distance from Y to G and divide equally into 5 gores of 3½ inches each, which gives us points T, S, R and Q.

At bottom take the distance from 15 to I, and divide equally into 5 gores, which gives us points 12, 9, 6 and 3.

Draw a line from 12 through T to waist line. From this line measure ⅝ inch to P and ⅝ inch to O, and shape gores from P to T and O to T.

Draw a line from 9 through S to waist line.

From this line measure ⅝ inch to N and ⅝ inch to M, and shape gore from N to S and from M to S.

Draw a line from 6 through R to waist line, from this line measure ½ inch to L, ½ inch to K, and shape gore from L to R and K to R.

Draw a line from 3 through Q to waist line, from this line measure ⅜ inch to J and ⅜ inch to I, and shape gore from J to Q and I to Q.

To add the flare on this skirt go down from waist line 12 inches on each gore. At the bottom front gore go out 1 inch from 15 to 14.

The second gore 2 inches from 15 to 16, and 12 to 11.

The third gore 2 inches from 12 to 13, and 9 to 8.

The fourth gore 2 inches from 9 to 10 and 6 to 5.

Fifth gore 2 inches from 6 to 7, and 3 to 2.

Sixth gore 2 inches from 3 to 4, and from 1 to H. 5 inches for the flare down center.

Trace out gores 1, 2 and 3, No. 1 from U to Y to 16, across bottom to 11, up to T and P, over to U at waist line.

No. 2 from M to S, 10 across bottom to 5 up to R. L, and over to M to waist line.

No. 3 from I Q 4 over bottom to H, up to G and I, go in ¼ inch to I at the center back line and over to waist line to I.

The other three remaining gores of the diagram are cut out and matched one after the other.

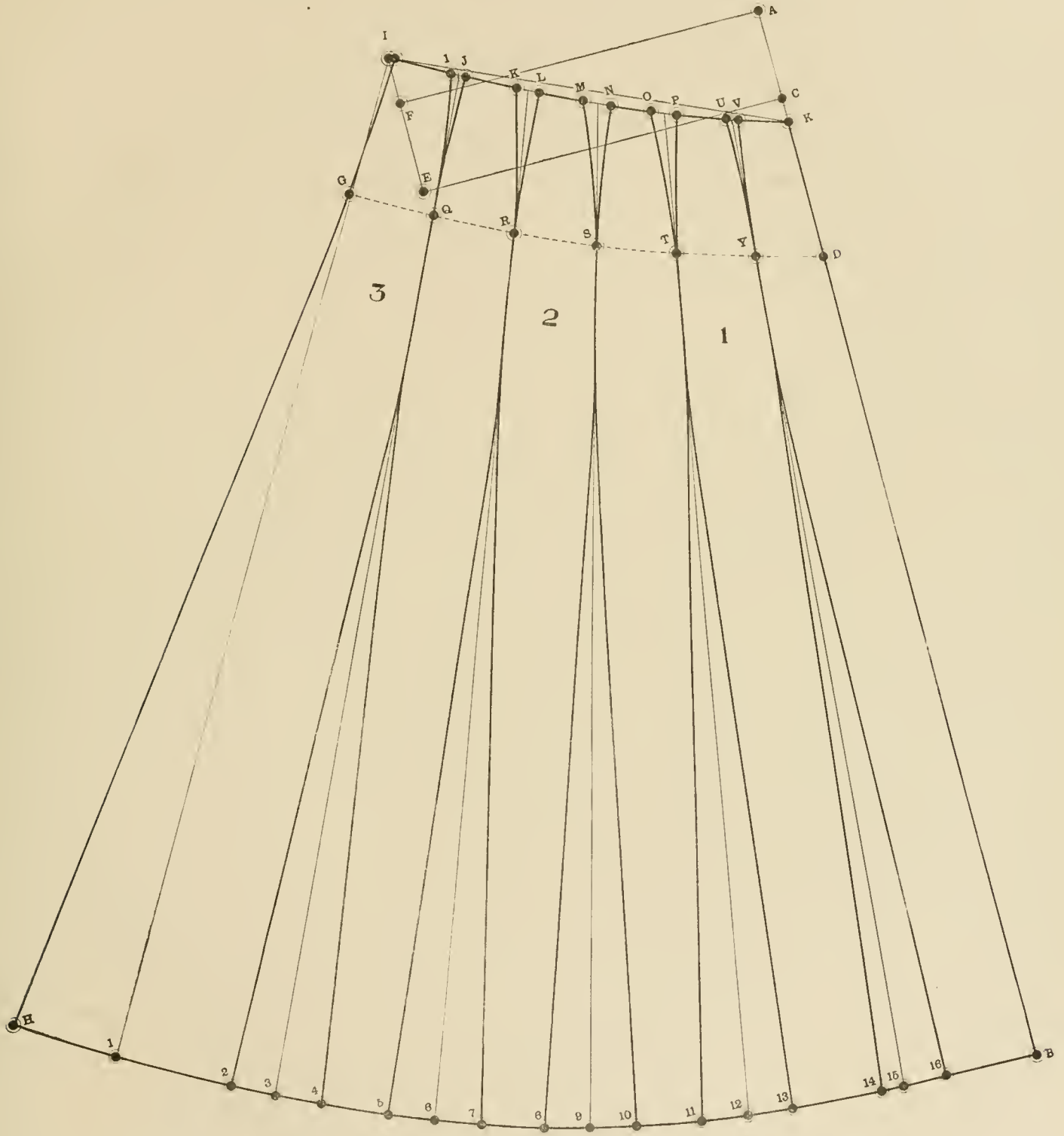


Diagram 108

THIRTEEN GORE PLEATED SKIRT

DIAGRAM 109

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	42 inches	Length Side	45½ inches
		Length Back	45 inches

INSTRUCTIONS.

Follow same instructions for box as given in diagram 105, page 206
Front gore at hip, D to Z, is 3 inches.
B to 17 at bottom is 6 inches.
Draw a line from 17 through Z to waist line. From this line measure ¼ inch to X and ¼ inch to W, and shape gore from X to Z and W to Z. Now take the distance from Z to G and divide equally into 6 gores of 2¾ inches each, which gives us points Y, T, S, R and Q.
At the bottom take the distance from 7 to H and divide equally into 6 gores 7¾ inches each, which gives us points 14, 11, 8, 5 and 2. Now draw a line from 14 through Y to waist line.
From this line measure ⅜ of an inch to V and ⅜ of an inch to U, and shape gore from V to Y and U to Y.
Draw a line from 11 through T to waist line; from this line measure ½ inch to P and ½ inch to O, and shape gore from P to T and O to T.
Draw a line from 8 through S to waist line. From this line measure ⅜ of an inch to N and ⅜ of an inch to M, and shape gore from N to S and M to S.
Draw a line from 5 through R to waist line. From this line measure ⅜ of an inch to L and ⅜ of an inch to K, and shape gore from L to R and K to R.
Draw a line from 2 through Q to waist line. From this line measure ¼ inch to J and ¼ inch to I, and shape gore from J to Q and I to Q.
To make pleats in skirt, measure down from waist line any depth desired, in this case 18 inches down on front gore and 1 inch higher on each gore to the back.
To make the pleats in skirt, measure from the straight line 1 inch to 30 and 1 inch to 29.
From straight line 1 inch to 28 and 1 inch to 27.
From straight line 1 inch to 26 and 1 inch to 25.
From straight line 1 inch to 24 and 1 inch to 23.
From straight line 1 inch to 22 and 1 inch to 21.
From straight line 1 inch to 20 and 1 inch to 19.
At the bottom of skirt measure 2 inches at the first gore from 17 to 16, second gore 2 inches from 17 to 18 and 2 inches from 14 to 13, third gore 2 inches from 14 to 15 and 2 inches from 11 to 10, fourth gore 2 inches from 11 to 12 and 2 inches from 8 to 7, fifth gore 2 inches from 8 to 9, 2 inches from 5 to 4, sixth gore 2 inches from 2 to 3.
To trace out gores 1, 2 and 3.
No. 1 from W to Z to straight line over to 30, down to 18, across bottom to 13, and up to 27, over to straight line up to Y and V, across waist line to W.
No. 2 from O to T, down straight line, over to 26, down to 12, across the bottom to 7, up to 23 to straight line, up to S, to N, over to waist line to O.
No. 3 from K R to straight line over to 22, down to 6, across bottom to 1, up to 19, over to straight line, up to Q to J, across waist line to K.
The other four remaining gores of the diagram are cut out and matched on after the other.
This completes the 13 gore pleated skirt.

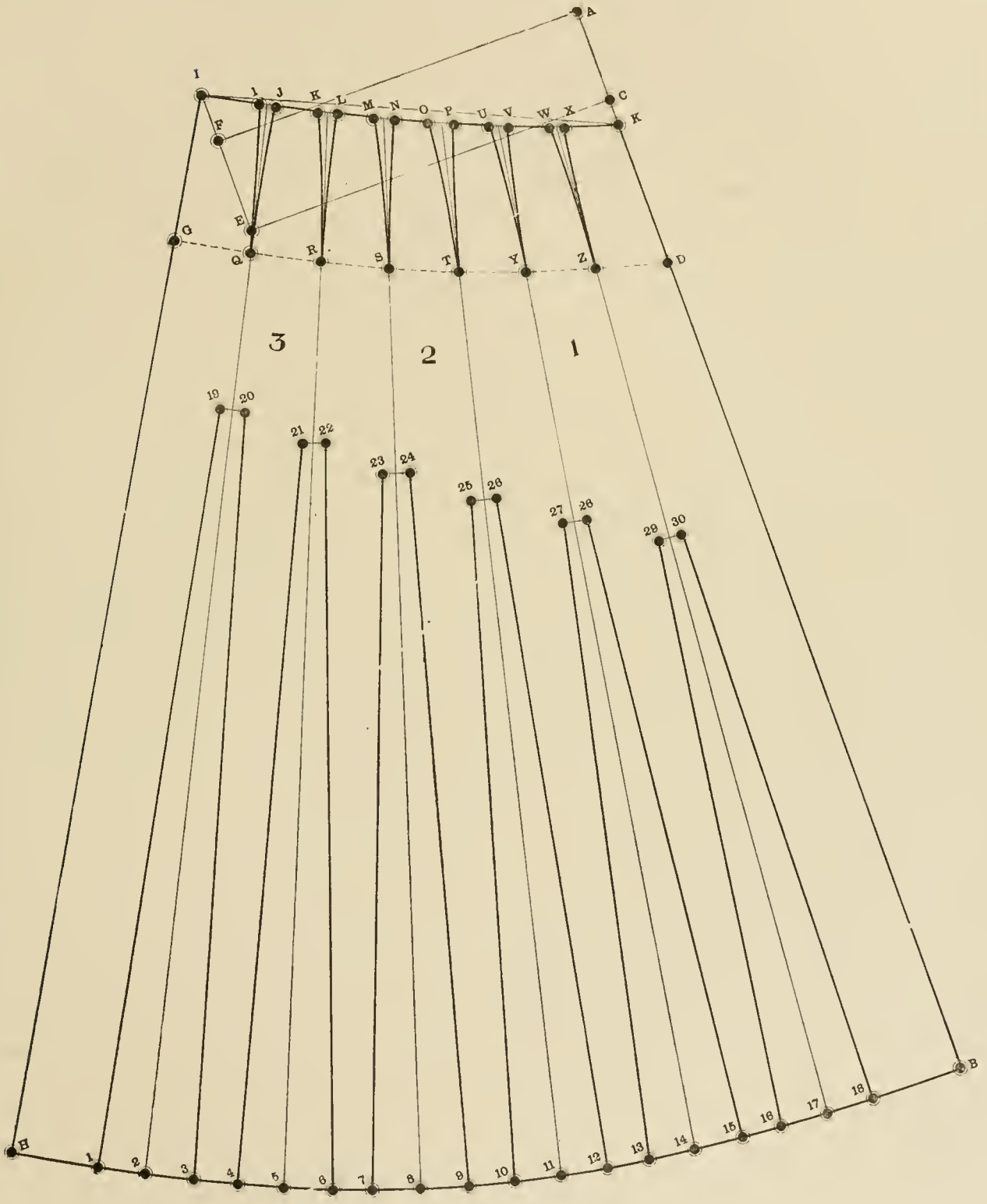

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Diagram 109

FIFTEEN GORE SKIRT.

DIAGRAM 110

MEASURES.

Waist	25 inches	Length Front	43 inches
Hip	42 inches	Length Side	45½ inches
		Length Back	47 inches

INSTRUCTIONS.

Follow same instructions for box as given in diagram 105, page 206
The front gore at hip, 3 to T, is 3 inches.
B to 7 at bottom is 6 inches.
Draw a line from 7 through 3 to waist line.
From this line measure ¼ of an inch to 2. ¼ of an inch to 1, and shape gore from 2 to 3 and 1 to 3. Now take the distance from 3 to G, and divide equally into 7 gores of 2½ inches each, which gives us points Z, Y, T, S, R and Q.
Take the distance at the bottom from 7 to H and divide equally into 7 gores of 5 inches each, which gives us points 6, 5, 4, 3, 2 and 1.
Draw a line from 6 through Z to waist line. From this line measure ⅜ of an inch to X, ⅜ of an inch to W, and shape gore from X to Z and from W to Z.
Draw a line from 5 through T to waist line.
From this line measure ½ inch to V and ½ inch to U, and shape gores from V to Y and U to Y.
Draw a line from 4 through T to waist line.
From this line measure ½ inch to P and ½ inch to O.
Shape gore from P to T and O to T.
Draw a line from 3 through S to waist line.
From this line measure ⅜ of an inch to N and ⅜ of an inch to M.
Shape gore from N to S and M to S.
Draw a line from 2 through R to waist line. From this line measure ⅜ of an inch to L and ⅜ of an inch to K, and shape gore from L to R and K to R.
Draw a line from 1 through Q to waist line. From this line measure ¼ of an inch to J and ¼ inch to I.
Shape gore from J to Q and Q to I.
This completes the 15 gore skirt.

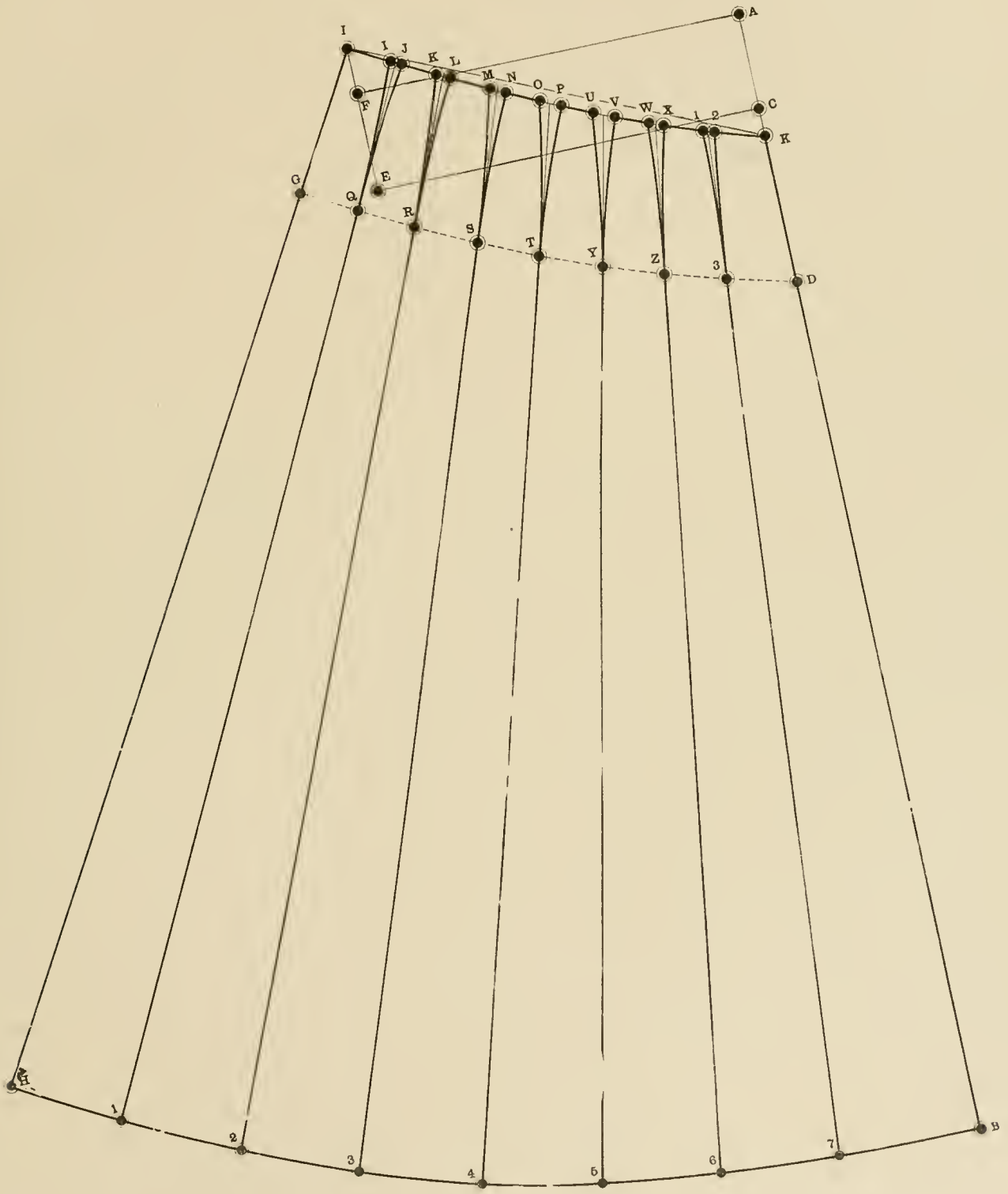


Diagram 110

Riding Habits and Breeches

SAFETY RIDING SKIRT.

DIAGRAM 111

MEASURES.

Hip 42 inches Length 42 inches

Waist 25 inches Side 43 inches

Back 44 inches

INSTRUCTIONS.

Front part, draw line A—B, 41½ inches.

Square over on line A—B to C 49 inches.

A to 12 is 3¼ inches; A to 11 is 5 inches; A to 10 is 5¾ inches; A to 9 is 7 inches; A to 8 is 8 inches; A to 7 is 9½ inches; A to 9 is 14½ inches; A to 5 is 29½ inches; A to 4 is 33½ inches; A to 3 is 35½ inches; A to 2 is 39 inches; A to 1 is 41½ inches; A to C is 49 inches.

Square downon all the given points.

12 to 13 is ½ inch; 11 to 14 is 1¾ inches; 10 to 15 is 2 inches; 9 to 16 is 2½ inches; 8 to 17 is 2¾ inches; 7 to 18 is 2¾ inches; 5 to 31 is 7¾ inches; 4 to 30 is 5¼ inches; 3 to 29 is 6⅛ inches; to 35 is 19 inches. 2 to 34 is 16 inches; 1 to 28 is 1¼ inches; C to 27 is 25 inches; to D is 41½ inches.

Connect B—D. D to 26 is 8 inches.

B to 25 is 3 inches; A to 22 is 5½ inches; A to 23 is 7¾ inches; A to 24 is 11 inches.

Square over the given points.

22 to 36 is 3¾ inches; 23 to 20 is 7½ inches.

At waist line, from 14 to 15 is 1 inch for dart.

Draw waist line from 13 through all points to 6.

Measure down from waist line 6 inches to dotted line for hip. Measure dotted line from 21 to 19, 21 inches, ½ of hip measure.

Make a buttonhole at point 28; a loop at 29; a strap at point 31, 14 inches long, 1 inch wide.

Between points 34—35 make a loop for foot to rest.

Place pocket on left side front, any desired length or shape. The heavy line in pocket indicates the opening.

Draw line from 13—14—15—16—17—18—6—19—31—30—29—28—27—26—25—24—21—13.

This completes skirt shown in illustration.

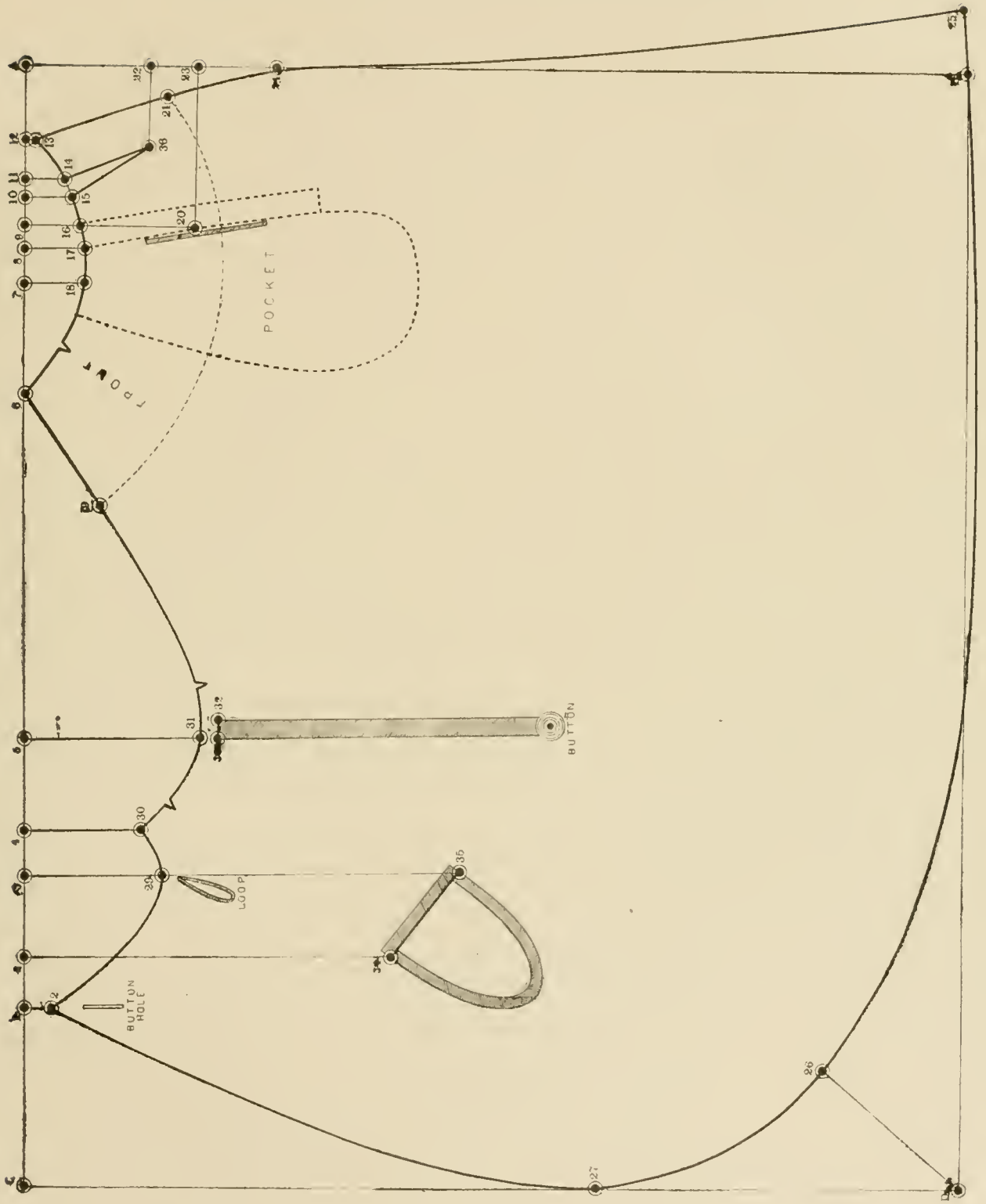


DIAGRAM 111

BACK PART OF SKIRT.

DIAGRAM 111

INSTRUCTIONS.

Draw line A—B, 34¾ inches.

Square down over on line A—B 46 inches to C.

A to 1 is 2½ inches.

A to 37 is 5½ inches.

A to 36 is 7¾ inches.

A to 35 is 10 inches.

A to 34 is 11 inches.

A to 32 is 12½ inches.

A to 31 is 13½ inches.

A to 29 is 17 inches.

A to 28 is 26¼ inches.

A to 27 is 39½ inches.

A to C is 46 inches.

Square over on these given points.

1 to 2 is 4½ inches.

37 to 39 is 10¾ inches, to 38 is 15 inches, to 14 is 18¼ inches; 15 to 17 is 27¼ inches.

36 to 4 is 14¼ inches, 35 to 5 is 9 inches, 34 to8 is 15 inches, 32 to 6 is 11¾ inches, 31 to 7 is 10½ inches, 29 to 30 is ½ inch, 28 to 23 is 24¼ inches, 27 to 24 is 22 inches, C to 25 is 11¾ inches, C to 26 is 4 inches, A to 10 is 16 inches, A to 11 is 18 inches, A to 12 is 19 inches, A to 16 is 24¼ inches, A to 18 is 30½ inches, A to B is 34¾ inches.

Square down 18 to 20, 18 inches.

Square down B to 19, 14 inches.

From 11 to 13 is ½ inch, 12 to 15 ⅝ inch.

Shape dart from 15 to 14, 13 to 14.

Draw waist line from 10—15—13 to 10. Measure down from waist line 6 inches to dotted line for hip. Measure dotted line, 17—19, 10¼ inches, ¼ of hip measure.

For other part of skirt shape waist line from 2 to 37. Measure down from waist to dotted line 6 inches. For hip, measure dotted line 3 to 33, 10¼ inches, ¼ of hip measure. Draw straight line from 20 to 23.

From 20 to 22 is 4 inches, 22 to 21 is 3¼ inches.

Shape skirt from 37—33—30—28—26—25—24—23—21—20—19—17—16—15—13—10—9—8—7—5—6—4—3—2.

At point 19 ease in ½ inch between notches.

Place button at back of skirt 3 inches from 5. This completes the back part of skirt.

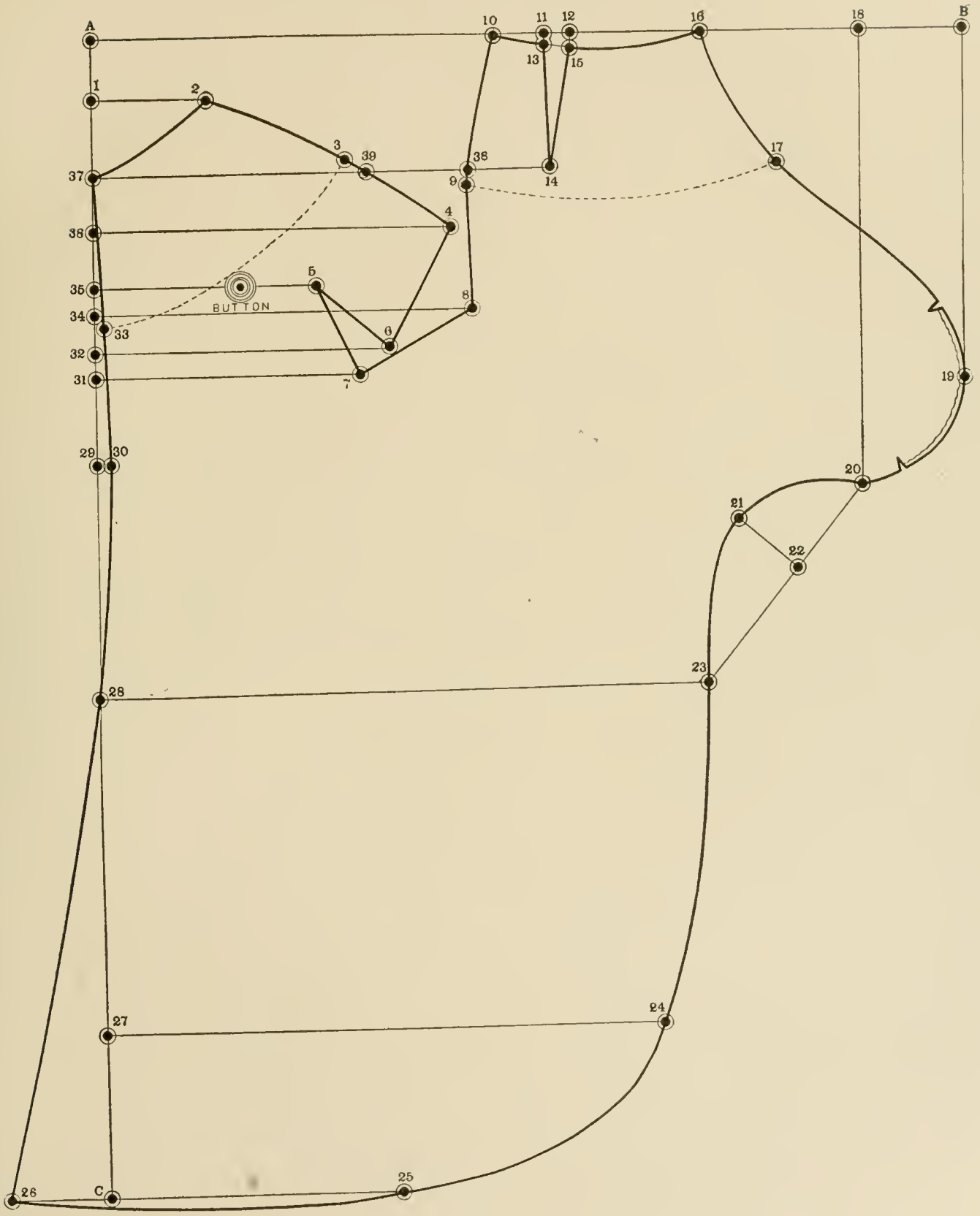
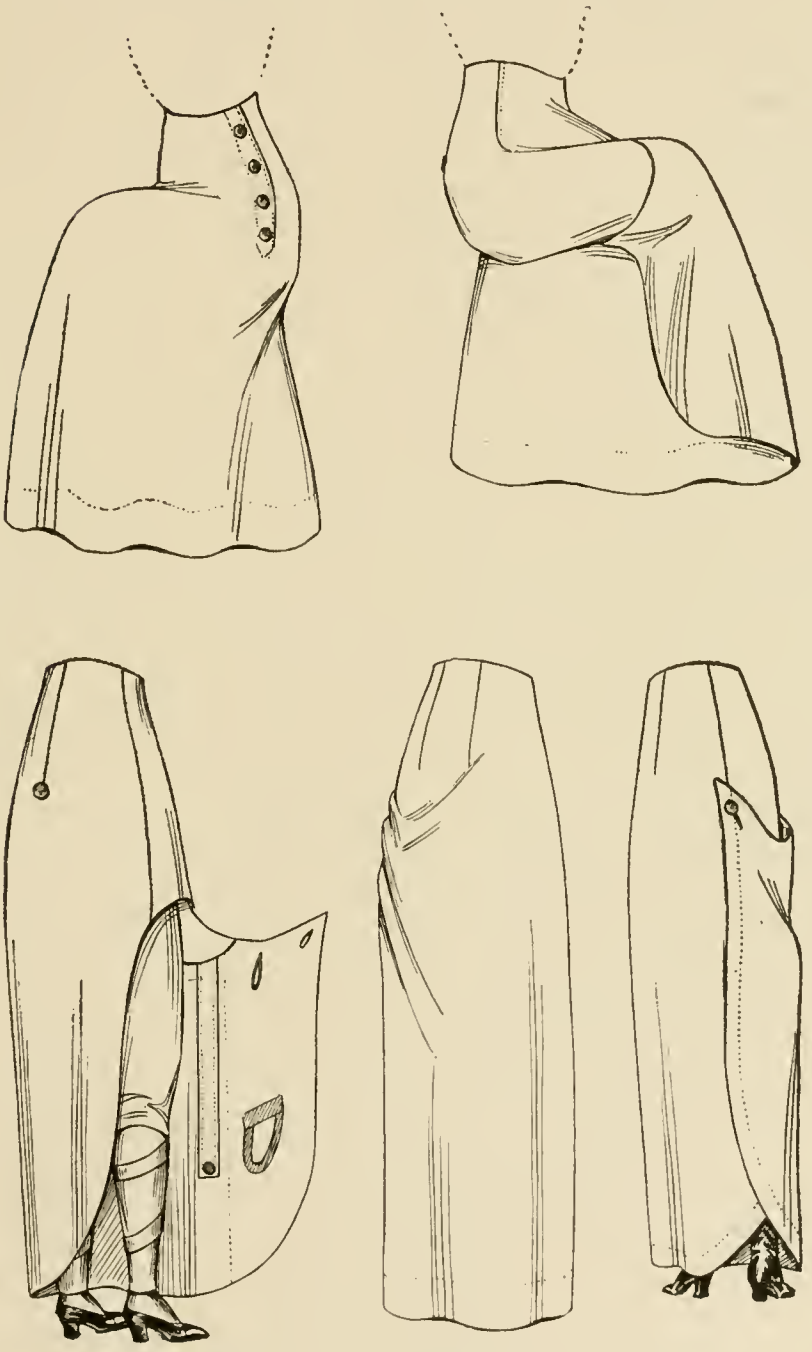

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BUTTON

DIAGRAM 112

SAFETY RIDING HABITS



SHOWING THE DIFFERENT POSITIONS

RIDING HABIT (SIDE SADDLE). FRONT PART.

DIAGRAM 113

MEASURES.

Waist 25 inches Hips 43 inches

INSTRUCTIONS.

Draw lines 1—3 and 1—2.

1 to 4 is 7½ inches, 1 to 6 is 8 inches, 1 to 8 is 12½ inches.

1 to 7 is 20 inches, 1 to 5 is 37 inches, 1 to 3 is 46½ inches.

Square points 4, 6, 8, 7 and 5 on line 1—3.

4 to 9 is 2½ inches, 6 to 10 is 7½ inches, 6 to 13 is 8½ inches.

8 to 11 is 7½ inches, 7 to 12 is 6¼ inches, 5 to 31 is 47 inches.

Connect 3 with 31, 31—32, 17 inches.

Square down from 32 to 33, 3½ inches.

Draft bottom line from 3 to 23, to 31.

1 to 15 is 12 inches, 1 to 16 is 12½ inches, 1 to 19 is 21½ inches.

1 to 20 is 25 inches, 1 to 21 is 30¼ inches, 1 to 2 is 34¾ inches.

Now square points 15, 16, 19, 21 and 2 on line 1—2.

15 to 14 is 7¼ inches, 16 to 17 is 4 inches, 19 to 18 is 12½ inches, 21 to 22 is 3½ inches.

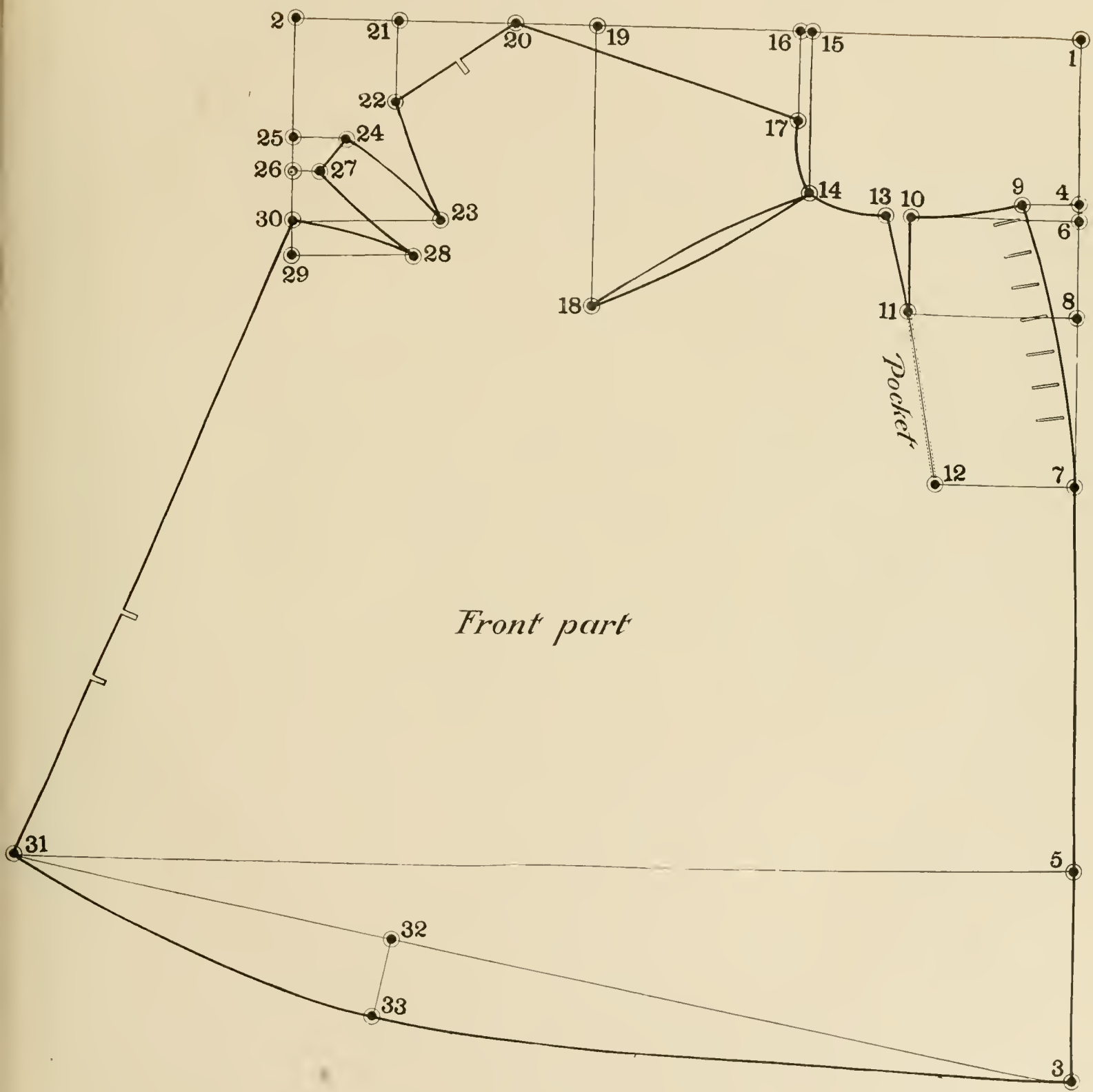
2 to 25 is 5¼ inches, 2 to 26 is 6¾ inches, 2 to 30 is 9 inches, 2 to 29 is 10½ inches.

Now square points 25, 26, 30 and 29 on line 2—29.

25 to 24 is 2¼ inches, 26 to 27 is 1¼ inches, 30 to 23 is 6½ inches, 29 to 28 is 5½ inches.

Now draft 3—5—7—9—10—11—13—14—18 and back, 17—20—22—23—24—27—28—30 down to 31.

11 to 12 is pocket. This finishes our front part.



Front part

DIAGRAM 113

RIDING HABIT (SIDE SADDLE).
BACK PART.

DIAGRAM 114

INSTRUCTIONS.

For back part draw lines A—C and A—B.
A to F is 9 inches, A to E is 15½ inches, A to D is 25¾ inches, A to C is 48 inches.
Square points F, E, D and C on line A—C.
F to N is 15½ inches, F to Q is 25 inches, E to I is 10 inches.
D to R is 35¾ inches, D to S is 36¾ inches, D to U is 49½ inches.
C to W is 44½ inches, C to V is 45½ inches.
Square point W down to X 6¾ inches.
Draft bottom line X, Y, C.
Now connect X—V—U—T, X—T is 38 inches.
Draft T—S—Y.
A to G is 3 inches, A to K is 6¼ inches, A to L is 10¼ inches.
A to P is 18¼ inches, A to B is 22½ inches.
Square points G, K, L and P on line A—B.
G to H is 7 inches, K to J is 5 inches, L to M is 1¾ inches, P—O is ¾ inch.
Now draft C—D—F—H—I—J—M—N—O—B—Q—R down to Y.
If the width of the material allows to put the back part in one piece, leave out dotted line.

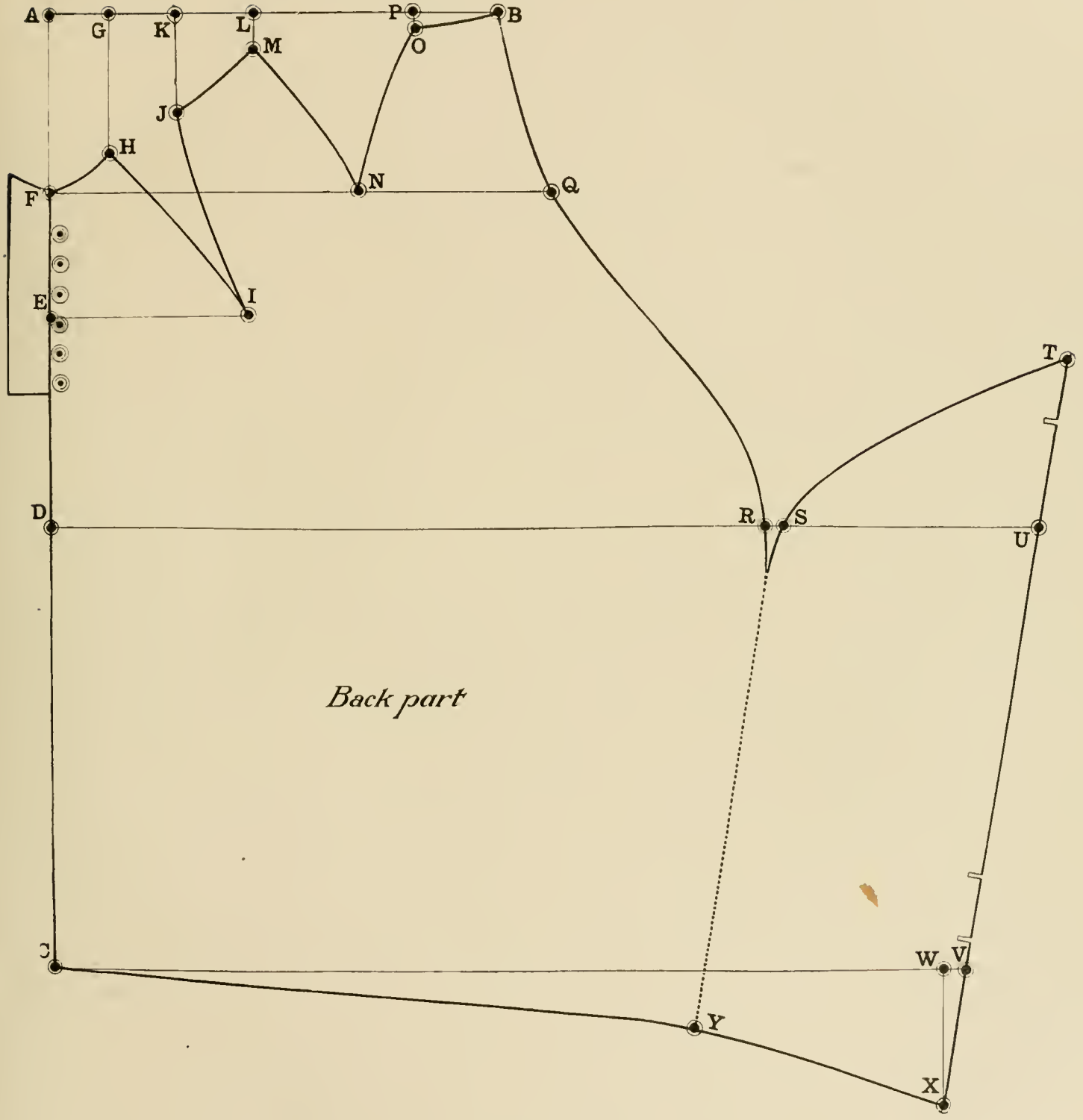


Diagram 114

DIVIDED RIDING HABIT SKIRT

DIAGRAM 115

MEASURES.

Waist measure	25 inches	Length	40 inches
Hip measure	44 inches	Rise	12 inches

INSTRUCTIONS.

1. Draw line A—B.

 A to C is ¼ hip measure, 11 inches.

 A to D is waist measure, 25 inches.

 D to B is full length, 40 inches.

 Use A as a pivot and sweep D to L and 6 inches below (hip) point F, do same to M.

 Use C as a pivot and sweep from D to J and from F to S.

 D to E is waist measure plus 3 inches; namely, 15½ inches. The 3 inches over are taken out, 1 inch each at the darts 1—8, 9—10 and 11—12. Darts must be equally apart from F to 13, and are 1 inch above the hip line.

2. Draw line C through E to G, giving point 13. 13 is now exactly the hip measure from F. This diagram shows two inverted plaits; one in front and the other in back. Make plaits 2 inches on top D—K—L and 6 inches at bottom B—P—O, as dotted line shows; the same in back.

3. L to N is Rise measure 12 inches; same with J to T in back; from T to U is 3⅛ inches, ⅛ waist measure. U to V is 6¼ inches, ¼ waist measure; N to W is 7 inches. Connect J—S—T—V and W.

 N to Q is 4¼ inches, 1/6 of waist measure; O to R is 6 inches. Connect L—M—Q to R. The sweep at bottom must be taken 40 inches all around from waist line, allowing 1 inch more in back.

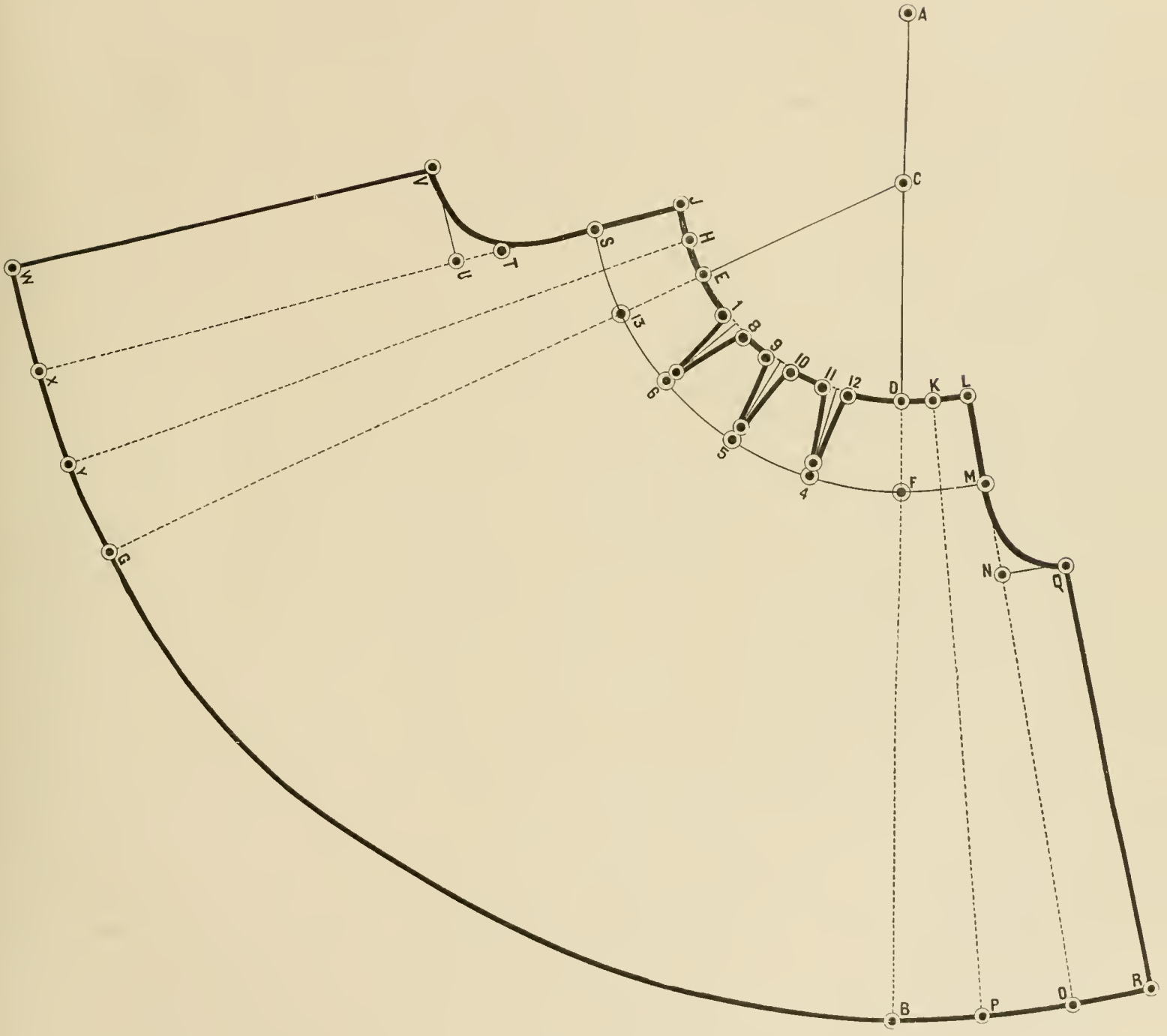


Diagram 115

RIDING BREECHES.

DIAGRAM 116

MEASURES.

Waist	25	inches	Knee	16	inches
Hip	42	inches	Small of Knee	14	inches
Rise	11¾	inches	Calf	14½	inches
Inseam	30	inches	Angle	10	inches

FOREPART.

From A square out and down.
A to C is 11¾ inches, rise measure.
C to E is ½ of inseam less 1 inch, 14 inches.
E to K is 2 inches, small of knee.
K to F is 4 inches for calf.
C to B is full insteam, 30 inches.
C to P is 1/3 of ¼ hip, 10½ inches, in this case 3½ inches. This point changes ⅛ more or less, according to larger or smaller sizes.
Square over all given points.
C to D is ¼ of hip, 10½ inches.
Square up point D to S and down to M. This completes the box.
On hip, D to V is 3½ inch, 1/3 of hip. This point changes ⅛ more or less, according to larger or smaller sizes.
W is ½ the distance of V D.
Q is ½ the distance of W D.
Draw line from Q to S, which locates point T.
Measure over from S to 28, ¼ of waist measure plus 1½ inches. This 1½ inches are taken out in the dart between 13—15.
S to R is 1 inch.
Draw line from R through 28 to 17.
17 is 1 inch from point A.
Raise waist line from R to S, 28 to 20, 1½ inches.
Shape dart from 25 to 15—14—24—13—14.
C to H is ¾ inch.
J to 26 is ½ inch; L to 27 is 1 inch; 8 to 7 is ¾ inch; M to 6 is 2 inches; 26 to 1 is 7 inches; 27 to X is 6¼ inches; 7 to Z is 6½ inches; 6 to 1 is 6¼ inches.
Shape forepart from 20—28—P—H—I—X—Z—1.
At top, from S—R—T—V—26—27—7—6. This completes the forepart.

BACK PART.

Draw line from U through T and up. Place square on an angle to 17.
Draw line from 16 to 17, 8½ inches, 2½ inches more than ¼ of waist measure.
These 2½ inches are taken out between 19—20.
Raise from 17 to 18, 16 to 29, 1½ inches, and shape dart from 23—20—21—22—19—21.
V to W is 2 inches, J to Y is ¼ inch, C to 12 is 2 inches.
Measure 26 to 1, 7 inches. Place the 7 inches on 26. Measure over to 10, 16 inches knee measure.
Measure from 27 to X 6 inches, and place the 6 inches on 27. Measure over to 9, 14 inches, small of knee.
Measure 7 to Z 6½ inches. Place the 6½ inches on 7, and measure over to O 14½ inches for calf.
From 6 to 1 is 5¼ inches. Place the 5¼ inches are taken out between 2 and 3.
more than ankle measure. These 2 inches on 6. Measure over to N, 12 inches, 2 inches
Point 4 is 1½ inches below calf. Shape as shown.
Shape back part from 18—17—12—10—9—O—N.
At top, from 29—16—T—W—Y—27.
For under lap on back part 9 to 8, N to 5 is 1½ inches. This completes diagram.

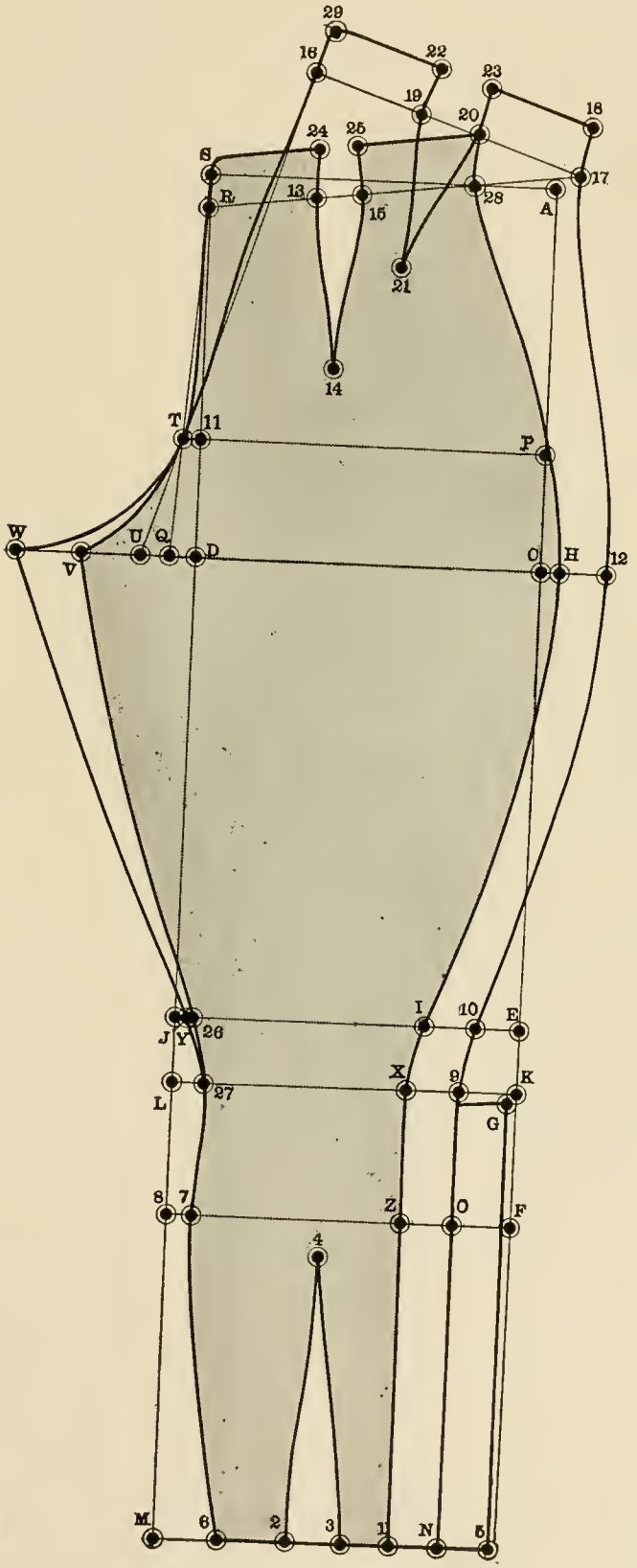

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Diagram 116

PROPORTIONAL MEASUREMENTS

CHILDREN

Sizes	2	4	6	8	10	12	14	16	18
Bust	22½	24½	26½	28½	30½	32½	35	37	39
Waist	20½	22½	24½	26½	28½	30½	23	24	25
Hip	26	28	30	32	34	36	38	40	42
Across Chest	10½	11	11½	12	12½	13	14	14½	15
Neck	11½	12	12½	13	13½	14	13½	14	14½
Length Waist in Front							7 –16	7 –16½	7½–17
Shoulder Height Front	7¼– 5¼	7½– 5½	7¾– 5¾	8 – 6	8¼– 6¼	8½– 6½	8¾– 6¾	9 – 7	9¼– 7¼
" " Back	5¾– 3¾	6 – 4	6¼– 4¼	6½– 4½	6¾– 4¾	7 – 5	7½– 5½	7¾– 5¾	8 – 6
Neck, Height and to Waist	4¾– 9½	5 –10¼	5¼–11	5½–11¾	5¾–12½	6 –13¼	6¾–14½	7 –15	7¼–15½
Across Back	9½	10	10½	11	11½	12	13	13½	14
Under Arm							8	8¼	8½
Shoulder	4	4⅛	4¼	4⅜	4½	4⅝	5½	5⅝	5¾
Length of Sleeve	11¼	12	12¾	13½	14¼	15	17½	18	18½

DIAGRAM 118

PROPORTIONAL MEASUREMENTS
MISSES AND JUNIORS

Sizes	12	13	14	15	16	17	18
Bust	33	34	35	36	37	38	39
Waist	22	22½	23	23½	24	24½	25
Hip	36	37	38	39	40	41	42
Across Chest	13½	13¾	14	14¼	14½	14¾	15
Neck	13	13¼	13½	13¾	14	14¼	14½
Length of Waist	6½–15	6¾–15½	7 –16	7 –16¼	7 –16½	7¼–16¾	7½–17
1-2 Shoulder Height Front	8½– 6½	8⅝– 6⅝	8¾– 6¾	8⅞– 6⅞	9 – 7	9⅛– 7⅛	9¼– 7¼
1-2 Shoulder Height Back	7¼– 5¼	7⅜– 5⅜	7½– 5½	7⅝– 5⅝	7¾– 5¾	7⅞– 5⅞	8 – 6
Neck Height and to Waist	6½–13½	6⅝–14	6¾–14½	6⅞–14¾	7 –15	7⅛–15¼	7¼–15½
Across Back	12½	12¾	13	13¼	13½	13¾	14
Under Arm	7½	7¾	8	8¼	8¼	8½	8½
Shoulder	5¼	5⅜	5½	5⅝	5¾	5⅞	6
Length of Sleeve	15½	16	17½	17¾	18	18¼	18½

DIAGRAM 118

FIRST LESSON.
EIGHT-YEAR-OLD REEFER.

DIAGRAM 119

MEASURES.

Bust	28½ inches	Shoulder Height Front.	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height of Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Draw line A—B. A to C is 5½ inches, neck height in back. A to E is 11¾ inches, length of waist in back. E to F is 4 inches, first hip. F to B is 4 inches, second hip. Square over C—E—F—B on line A—B. C to D is ½ of bust, 14¼ inches plus 3 inches allowed for seams, 17¼ inches. In a three piece coat we allow 3 inches for seams, and in a two piece coat we allow 2 inches for seams.

D to Q is ½ inch allowed for breathing. D to G is ¼ of bust measure, 4¼ inches. G to H is ⅛ of bust measure, 2⅛ inches. C to I is 5½ inches, ½ of back measure.

Square up and down D. Square up G—H—I on line C—D.

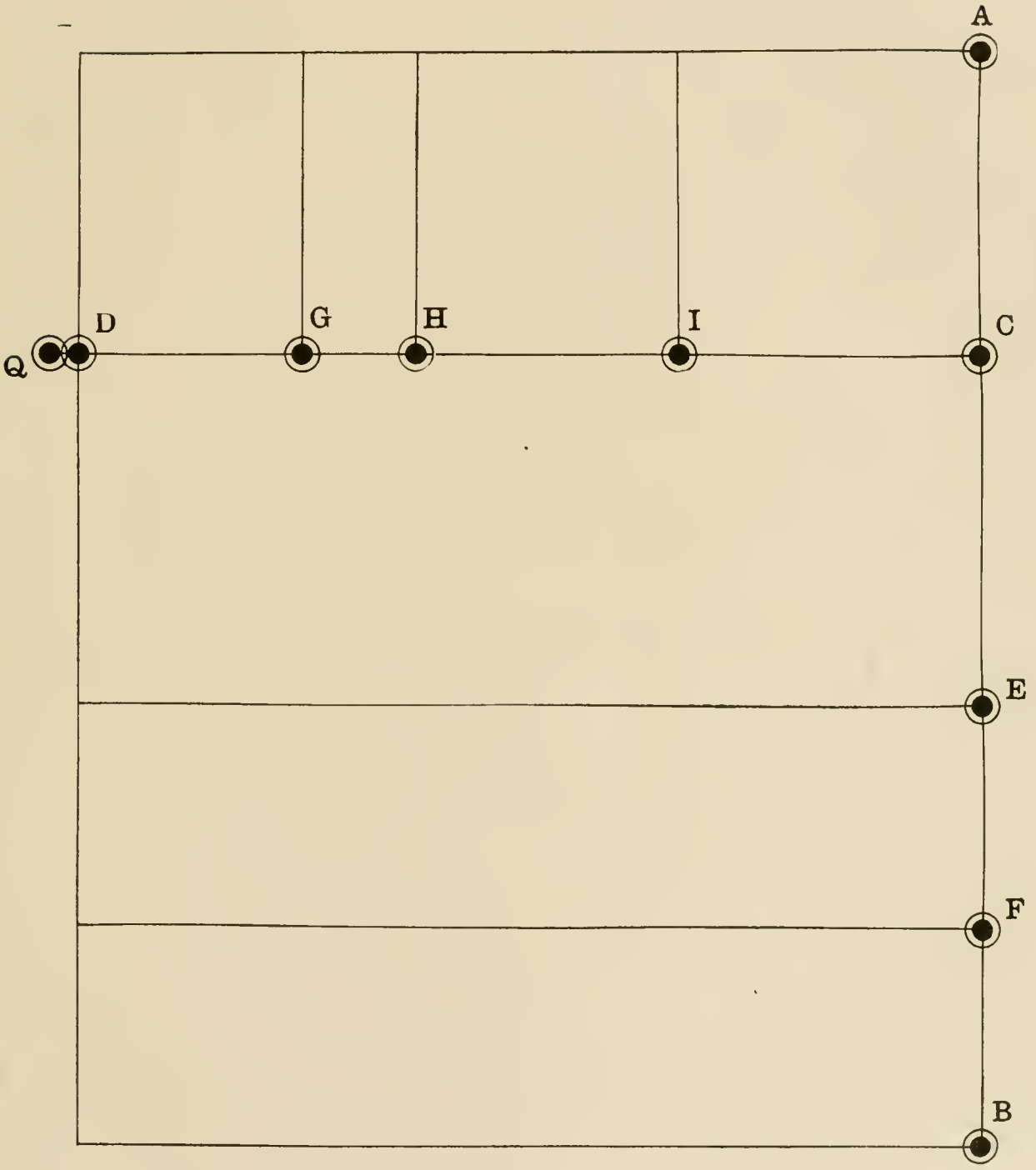


DIAGRAM 119

SECOND LESSON.
EIGHT-YEAR-OLD REEFER.

DIAGRAM 120

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
		Sleeve	13½ inches

INSTRUCTIONS.

For box follow instructions as given in First Lesson.

C to Y is 2 inches; C to P is 4½ inches, second shoulder height back.

Y to O is 6½ inches, first shoulder height back. Square over A—P on line A—B.

In squaring over P, point R is found crossing line I. R to S is ½ inch.

Draft back neck, A—O.

Draft back shoulder, O—S, 4¾ inches.

At front, H to 3 is 6 inches, second shoulder height front. Square point 3.

G to X is 8 inches, first shoulder height front. Square point X over 1¼ inches to 17. X to 1 is 2 inches. Square over 1 to 27.

Draft neck curve, 17 to 27.

Draw front shoulder from 17 to 4, same length as back shoulder, O—S. Z to 2 is 6 inches, ½ of chest measure.

Draft armscye from S—2 to 4. In drafting armscye be careful not to go inside of line I—R, also not below bust line. It is very important to follow the draft of armscye very carefully, as nothing can be added to an armscye that is too large, but when an armscye is too small it can be made larger. This completes the box.

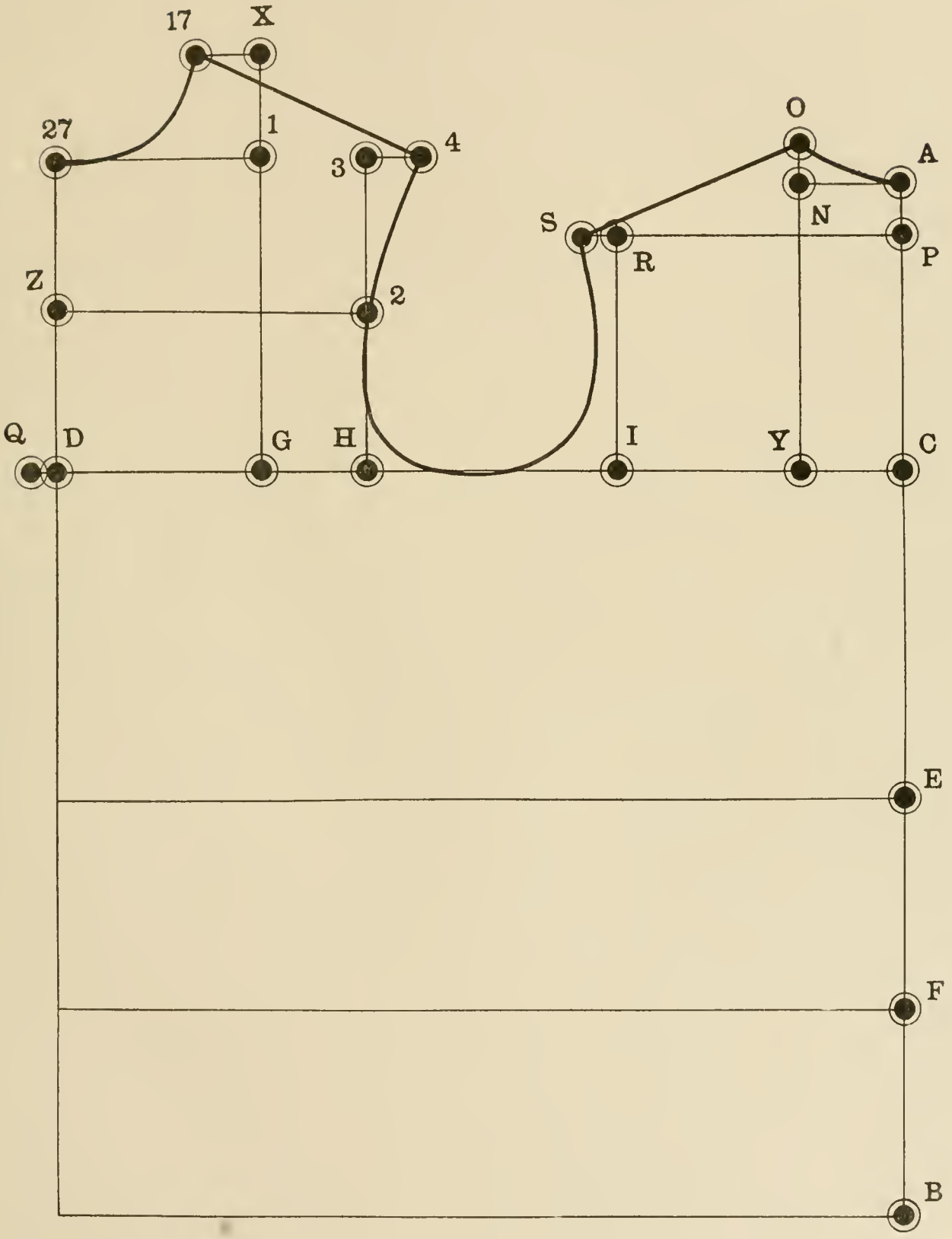


DIAGRAM 120

EIGHT-YEAR-OLD REEFER.

DIAGRAM 121

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

For box follow same instructions as given in First and Second Lessons.

At waist line, E to J is ¾ inch; J to K is 3 inches; K to L is ½ inch; L to 4 is 4 inches; 4 to 5 is ¾ inch.

Take center of L—K, square down, where line crosses on first hip measure ¼ inch to 10, ¼ inch to 15.

Take center of 5—6, square up to 28 and down. Where line crosses on first hip measure ¼ inch to 12, ¼ inch to 11.

On hip, from F to V is ½ inch.

At back neck, A to W is ½ inch. Draw back line from W—A—J—V to 16. From J to T, T to U and 16 to B is 1½ inches for lap. Draw line from U to B as shown.

From S at shoulder to 29 is 3 inches.

Shape two back gores as shown.

At front, on hip, 18 to 19 is 1½ inches. Draw front line from Q—19 to 17.

To make garment double breasted, from front line measure 2½ inches to 26—20, the same distance back for button stand.

For lapel and collar, measure from deepest point of neck, 32 to 23, 1 inch. Draw straight line from bottom of lapel at 26 through 23 to 24. 33 to 21 is 2¼ inches, ¼ inch more than back measure, W—O.

Square on line 24—26, 1 inch to 25, for standing band of collar, and from 24 to 34 is 2½ inches, or any desired width. 34 to 22 is ½ inch allowed for spring.

Shape back of collar from 25—24—21—22. Shape collar and lapel as shown.

To trace colar, place separate paper under the collar and trace out the shape of collar.

To trace lapel, break on line 26—24, turn paper under and trace out the shape of lapel, which will be reserved on opposite side.

This completes the diagram for reefer.

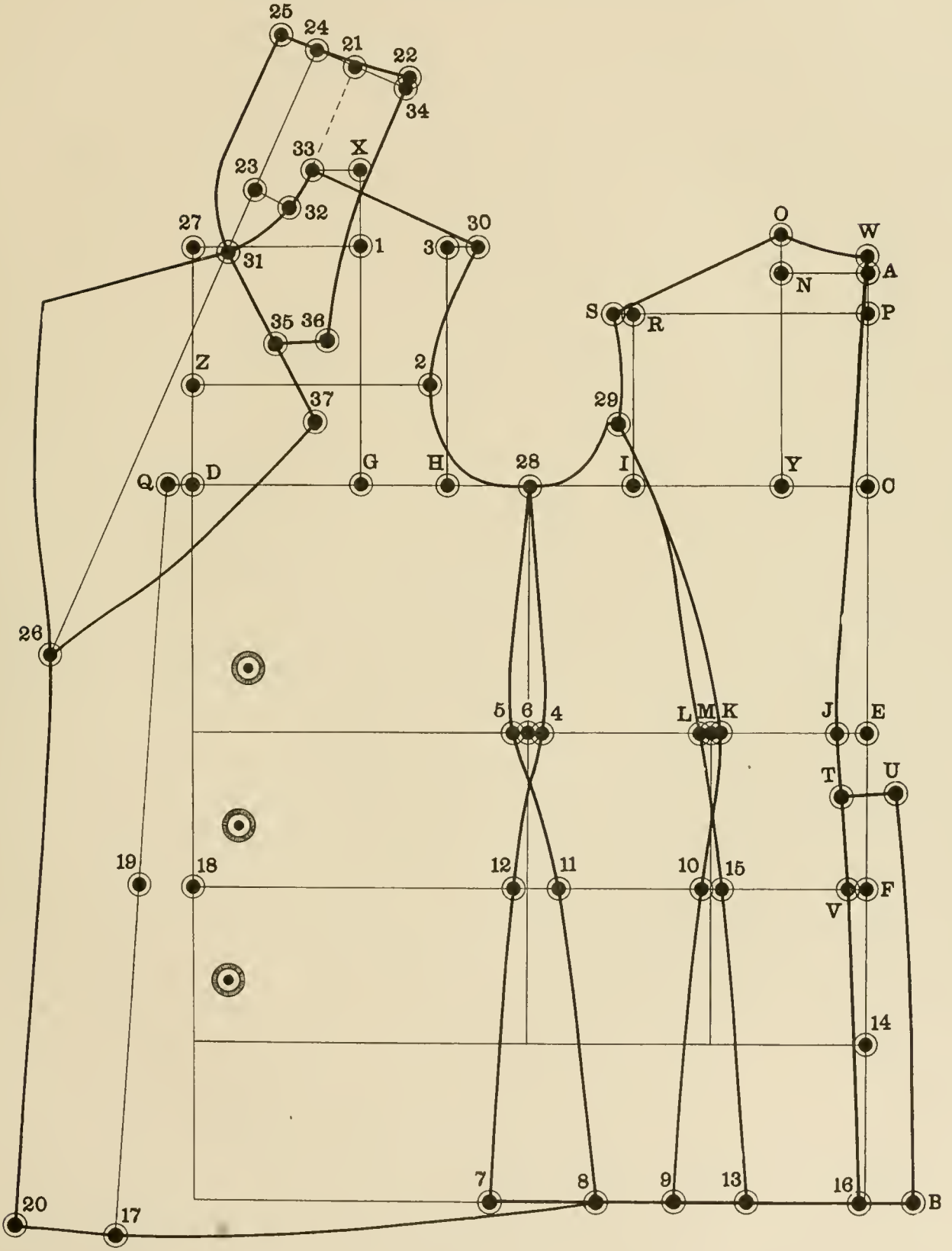

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Diagram 121

SEMI-FITTING COAT. EIGHT YEARS.

DIAGRAM 122

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.

E to J is ½ inch; J to 6 is 5¼ inches; 6 to 7 is ¾ inch; I to T is 1 inch; B to V is ¼ inch. Take center of 6—7, square down where line crosses on first hip, measure ¼ inch to 13, ¼ inch to 14. On second hip, where line crosses, measure ½ inch to 8 and ¾ inch to 9.

Shape back gore as shown.

At front hip line, from 18 to 19 is 1½ inches. Draw front line from 27—Q—19 to 11.

To make garment double breasted, measure from front line 27—11, 2½ inches to 26—12, same distance back for button stand. From 27 to 28 is ½ inch taken out.

To draft lay down collar, measure from deepest point of neck, 16 to 23, 1 inch.

Draw line from 28 through 23 to 24. 27 to 22 is 2¼ inches, ¼ more than back neck measure, O—K.

Square over on line 28—24, 1 inch to 25, for stand band of collar, over to 20, 3 inches, or any desired width. 20 to 21 is ½ inch allowed for spring at back.

Shape collar as shown.

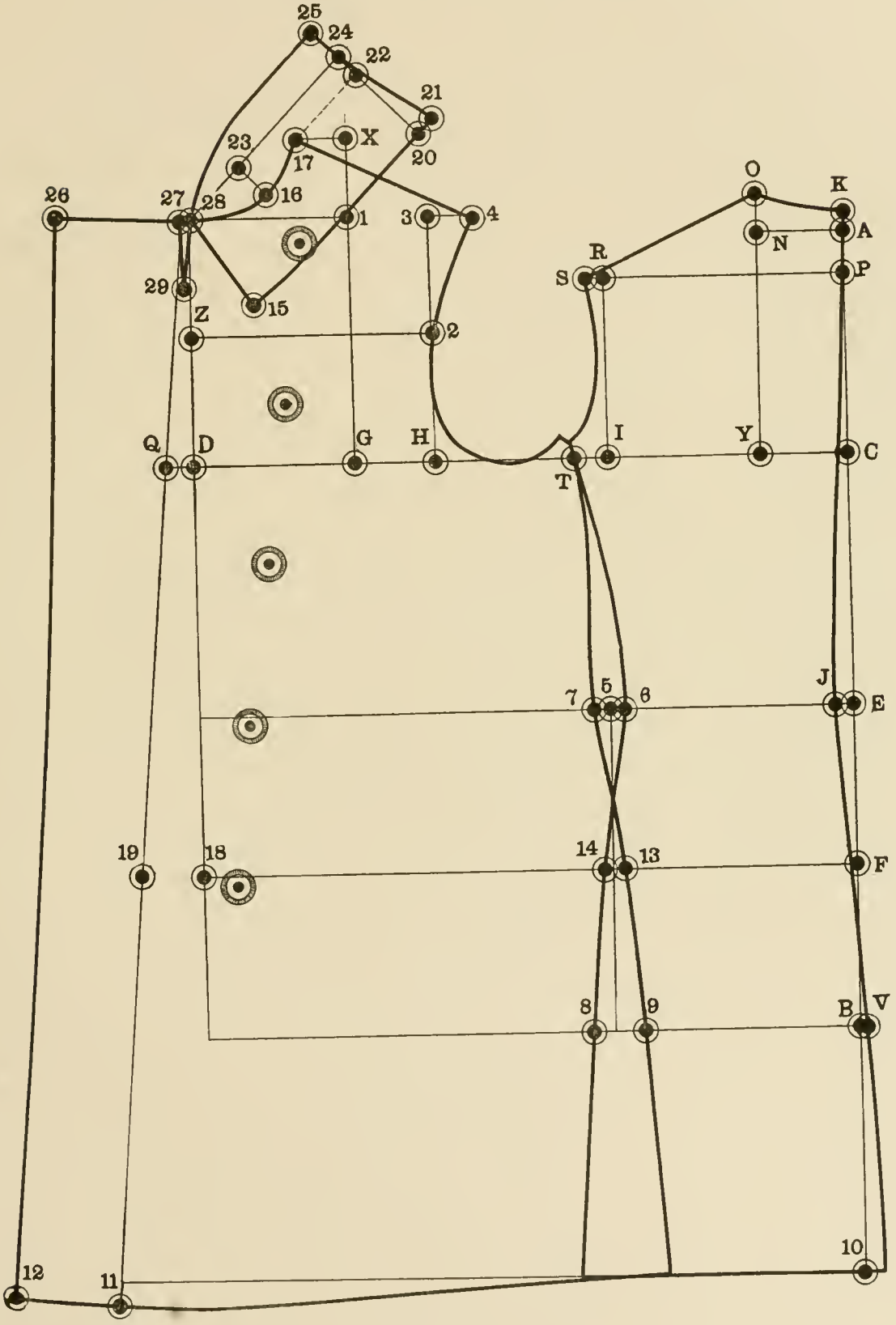

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DIAGRAM 122

SEMI-FITTING COAT, FRENCH SEAMS, EIGHT YEARS

DIAGRAM 123

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.

At waist line, E to M is ½ inch; M to 35 is 3½ inches; 35 to 34 is ½ inch; 34 to 9 is 4 inches; 9 to 8 is ½ inch.

At shoulder, from O to T is 2¾ inches; T to S is 2 inches.

At bust line, I to U is 1¾ inches. Take center of 34—35, square down, where line crosses on hip measure ¼ inch to 12 and ¼ inch to 37.

Take center of 8—9, square up to 29 and down, where line crosses on hip measure ¼ inch to 10 and ½ inch to 11.

Raise back neck from A to K ¼ inch. Draw back K—A—M to 38. Shape back and gores as shown.

At front, on hip, from 18 to 19 is 1½ inches.

Draw line 27—Q—19—13.

At bust line, from Q to L is 3½ inches. Square L down.
31 to 33 is ½ inch taken out.

At shoulder, 32 to 28 is 2¾ inches, 28 to 30 is ¾ inch taken out. This ¾ inch add on point 22—4. Reshape armseye from 29 to 4.

To make garment double breasted, collar and lapel, follow same instructions as given in three gore coat.

After pattern has been cut out lay pattern together at points 28—30—L. Square shoulder over to 4.

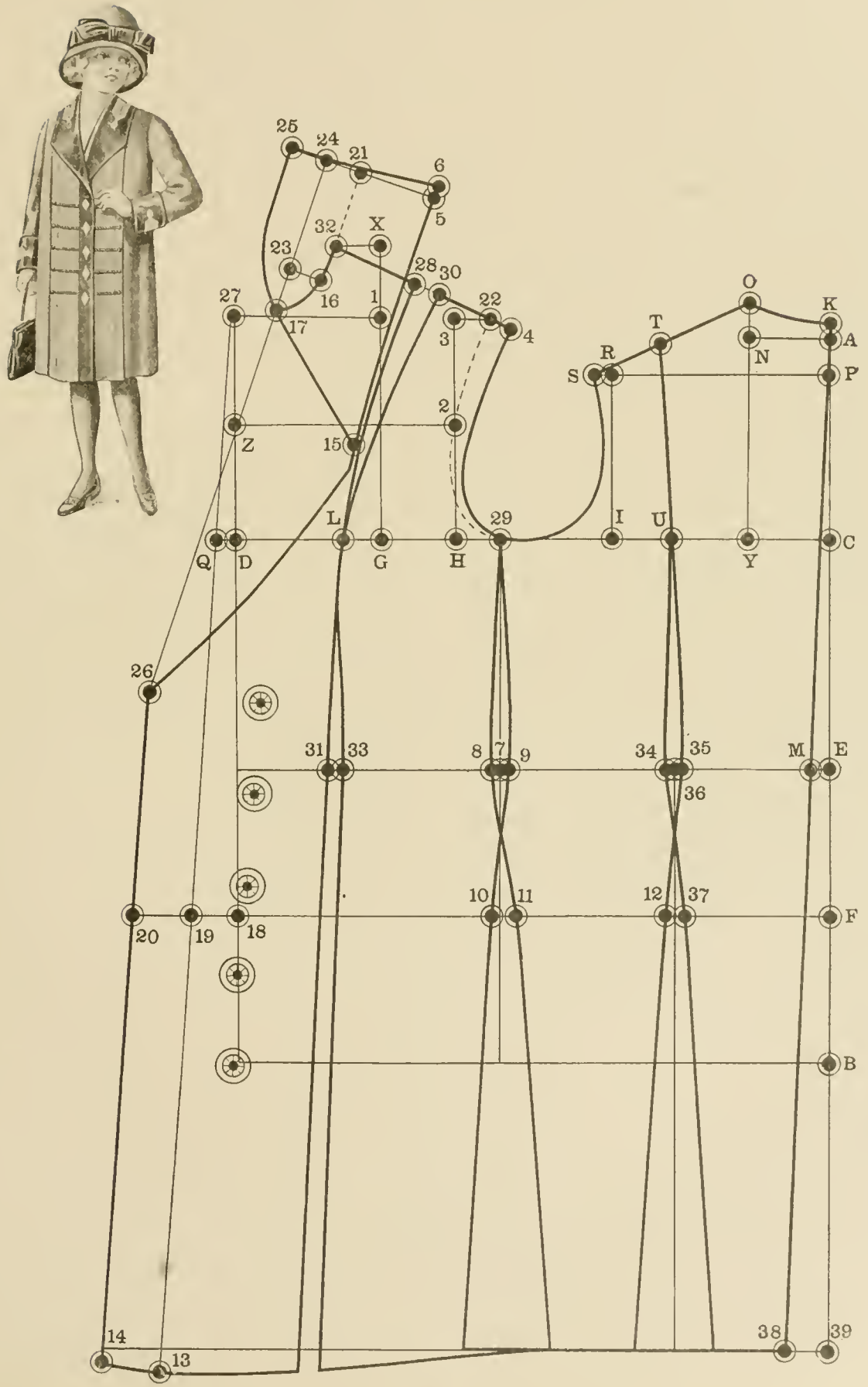

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Diagram 123

EIGHT YEAR BOX COAT.

DIAGRAM 124

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Follow same instructions as given in First and Second Lessons.

Allow on bust 2 inches more for seams than the natural bust measure.

E to M is ½ inch.

Draw line from K—M to 10 full length. 1 to 29 is 1½ inches. Square down 29, which gives point 7 on waist line. From 7 to 9 is 1 inch. 7 to 8 is 1 inch.

Draw straight line from 29 through 8 to 12 over to 10. This completes back.

For front, draw line from 29—9—11. From 18 to 19 is 1½ inches.

Draw front line from Q—19 to 13.

To make garment double breasted, collar and lapel, follow same instructions as given in diagram 121, page 240.

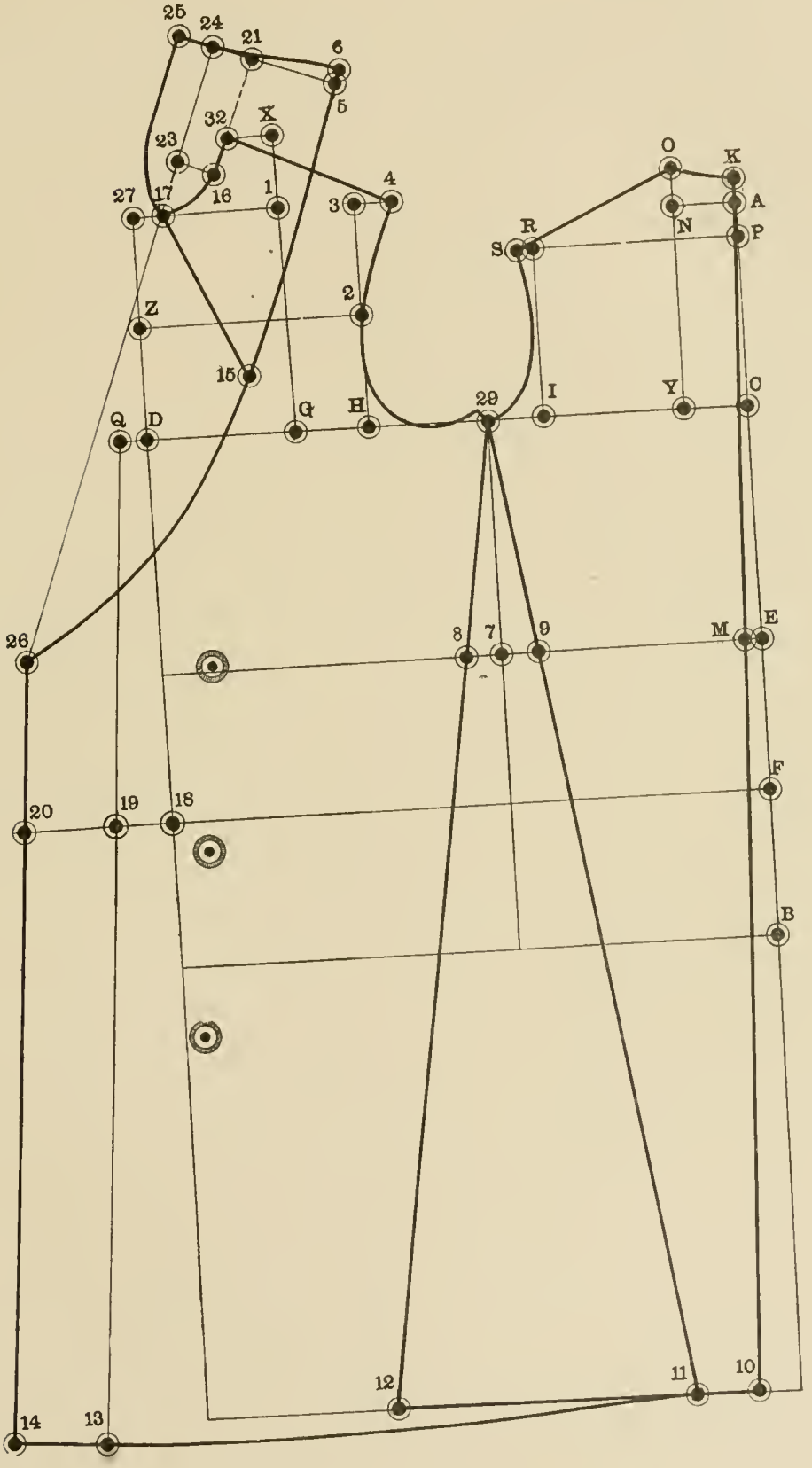

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Diagram 124

PLAIN COAT SLEEVE.
SLEEVE CORRESPONDING TO EIGHT YEAR OLD.

DIAGRAM 125

MEASURES.

Half of Back 5½ inches To Elbow 15½ inches

Full Length 22½ inches

INSTRUCTIONS.

Draw line A—B.

A to M is ½ of back measure, 5½ inches.

A to L is 15½ inches to the elbow, and A to B is 22½ inches, full length sleeve.

I is ½ the distance between M and D.

E to F is ⅛ of bust measure. F to D is 1 inch less.

Square over on points M—I—D—L on line A—B.

M to S is ¼ of bust measure plus 2 inches, allowance for seams.

Square point S down to H, over to B.

Point N is ½ the distance of S and M.

N to O is 1½ inches.

N to X is 1¾ inches.

Q to P is ½ inch.

T to R is 1 inch.

R to U is ⅛ of bust, 3⅜ inches.

K is ½ the distance between H and B.

Square down point K, 1 inch to J.

L to C is 1 inch.

Draw line from H to E 5½ inches for top sleeve, and H to V is 3½ inches for undersleeve.

Shape the top sleeve from H through R to P through G—O to I through C to E.

Shape undersleeve from H through R to Q to X to U to V. This completes the sleeve.

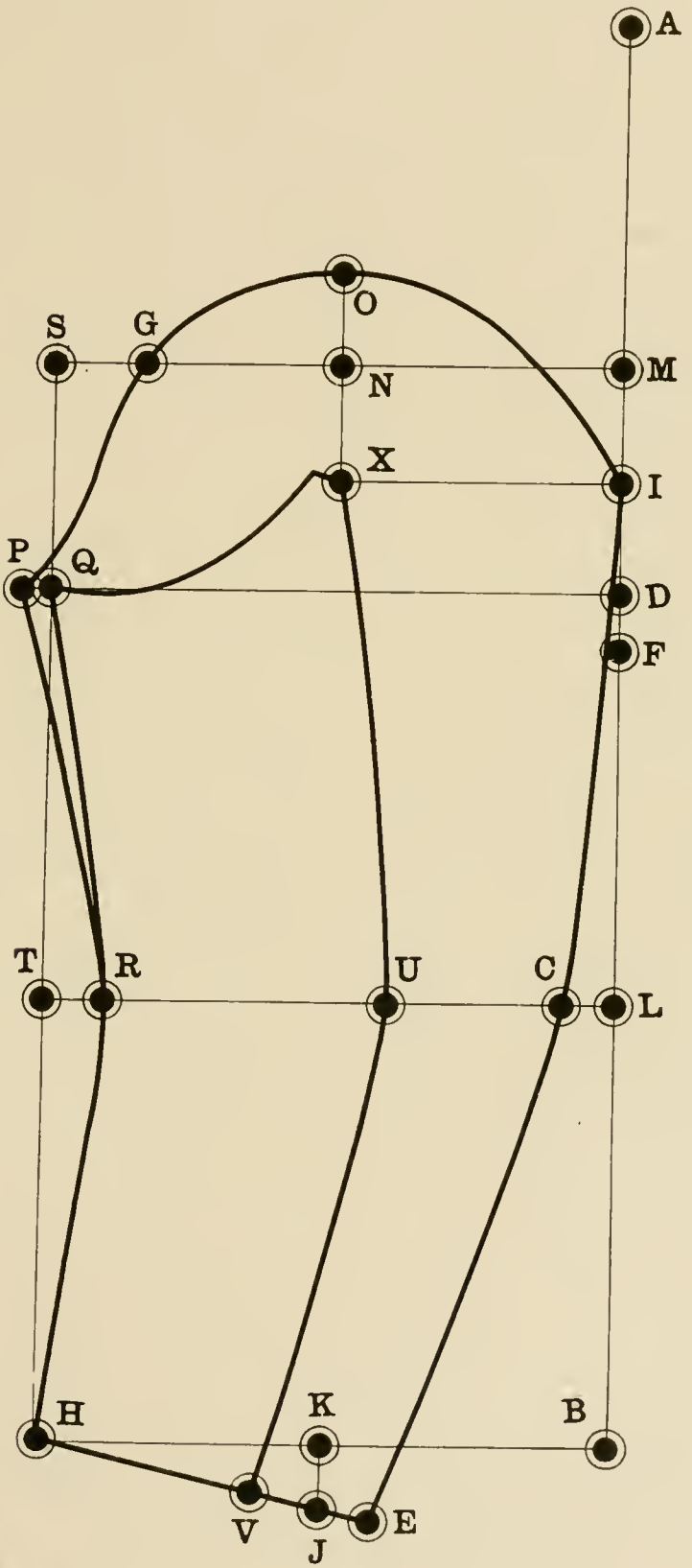


DIAGRAM 125

BISHOP SLEEVE WITHOUT SEAMS.
SLEEVE CORRESPONDING TO EIGHT YEAR OLD.

DIAGRAM 126

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
		Sleeve	13½ inches

INSTRUCTIONS.

Draw line A—B.

A to L is ⅛ of bust, which is 3½ inches; L to D is ¼ of bust, 7 inches; O to B is 7 inches, ¼ of bust. A to E is ½ of bust measure less 2 inches. Square over points L—O and B. Square down points E to K. This completes the box of the sleeve.

S is ½ the distance between A and E; S to N is 1 inch; H to F is 1 inch; and L to C is 1 inch; G to P is ½ inch; O to D is ½ inch; T is ½ the distance between K and B; T to M is 2½ inches.

Shape sleeve from B—O—C—N through H to F—P—K and M to B. This completes sleeve.

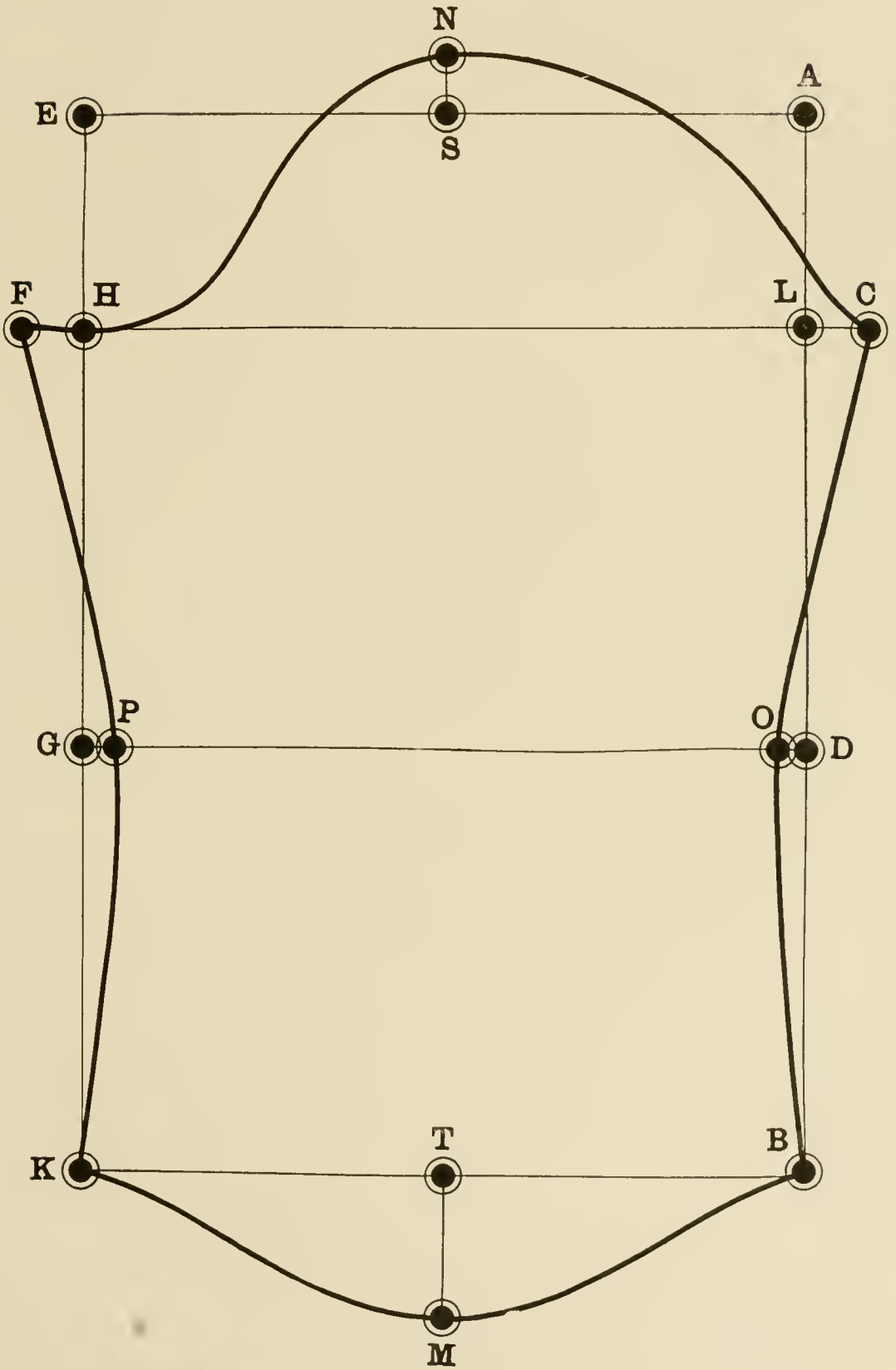


DIAGRAM 126

EIGHT-YEAR-OLD KIMONO SLEEVE AND COAT.

DIAGRAM 127

MEASURES.

Bust	28½ inches	Shoulder Height Front	8 — 6 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height and to Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Follow same instructions as given in diagram 124, page 246. For collar and double breasted coat, follow same instruction as given in diagram 129, page 254.

From 29 to 25 is 1 inch. Square over 25, 1½ inches to 24 and 36. Square up 25, 13 inches, length of sleeve, to 28. 28 to 30 and 33 is 1 inch. Draw line connecting 36 to 30 and 24 to 33. Connect 36 with 7 and 24 with 7 for the under-gore of body.

From 25 to 17 is 2½ inches.

Draw line from 24—17 to 21 for front sleeve. Square over on this line to 22.

Allow from 21 to 20, 1 inch. Draw line from 20—17—24.

From 20 to 22 is 4½ inches.

Draw line from 24 through I to 23, 5½ inches.

Draw line from 22—23—4 to 32. This completes the forepart.

For back part, draw line from 36 through 17 to 16. Square over 16 to 14; 16 to 15 is 1 inch taken off; 15 to 14 is 4¼ inches.

Draw line from 36—H to 31, 5 inches. Shape as shown from 15—17 to 36—14—31—S.

S is ½ inch raise from R up to O. This completes the back part of sleeve.

Shape the underarm front part of coat from 11—9 to 24. 7 to 9 is 1 inch.

Shape the back part of the underarm of coat from 12—8 to 36. 7 to 8 is 1 inch.

Trace out the back part of coat and sleeve from 12—10—K—O—S—31—14—15—17—36—8 to 12.

The front part of coat remains on the paper as shown in the dotted line.

Trace the undersleeve and gore of body from 7—36—30—33—24 to 7, as shown on the side of diagram.

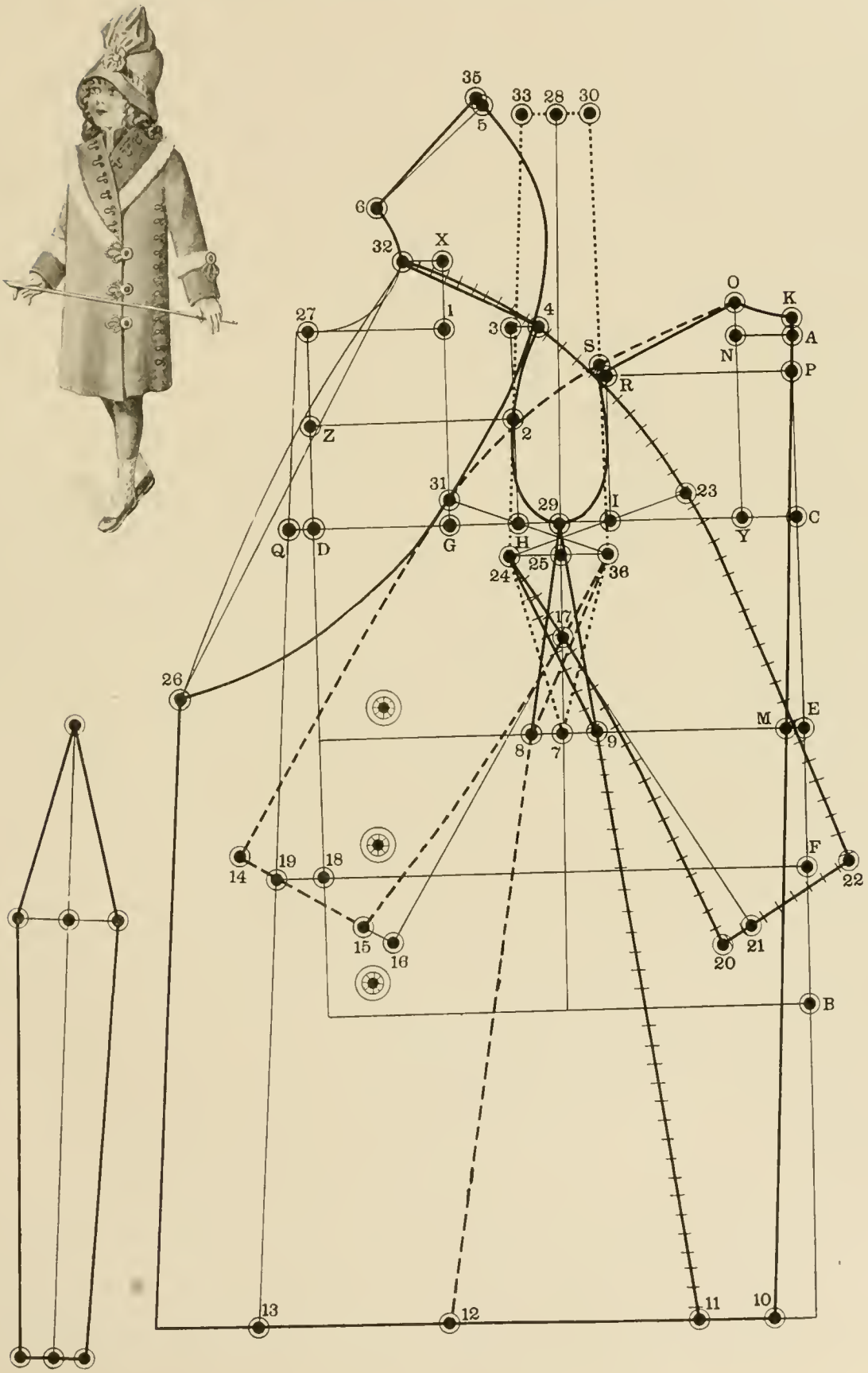

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Diagram 127

EIGHT YEARS
HOW TO MAKE A DEEP ARMHOLE FROM A BLOCK PATTERN

DIAGRAM 128

INSTRUCTIONS.

Lay pattern together at underarm as dotted line shows.

To place the new seams under the arm, measure from neck, 8 to 7, 5½ inches, square over 7 to 2, 8½ inches, and from 6 to 4, 11½ inches. Draw straight line from 2 to 4. 2 to 3 is 3 inches. Reshape armscye.

To make garment double breasted measure out from front line 4 inches to 16, same distance back for buttons.

To make collar, lay front and back shoulders together on point 9—1. Collar is cut without stand band.

Draw straight line from 16 to 9.

At back from 15 to 11 is 5 inches. 11 to 10 is ½ inch for spring. Shape collar from 16—1—10 for shawl collar.

For sailor collar square over on back 12—15, 6 inches to 13. Shape as shown.

For shovel collar 15 to 14 is 9½ inches. Shape from 1 to 14. This completes the coat.

DRAFT SLEEVE.

DIAGRAM 129

INSTRUCTIONS.

Draw line A—B. A to 9 is ⅛ of bust measure, 3½ inches. 9 to B is 14 inches, full length of sleeve. 9 to 6 is 2¼ inches, ¼ less for each inch at underarm of coat, 3 to 2. Square all given points.

8 to C is 13 inches, 1 inch less than ½ of bust measure. 6 to 7, 5 to 4 is 1¼ inches.
Draw line from A to 3 and C to 3. A to 11 and C to 10 is 3½ inches. 1 is the center of A—C. Shape sleeve as shown.

4—7 is the underarm sleeve, joint to point 3 at underarm coat.



DIAGRAM 129

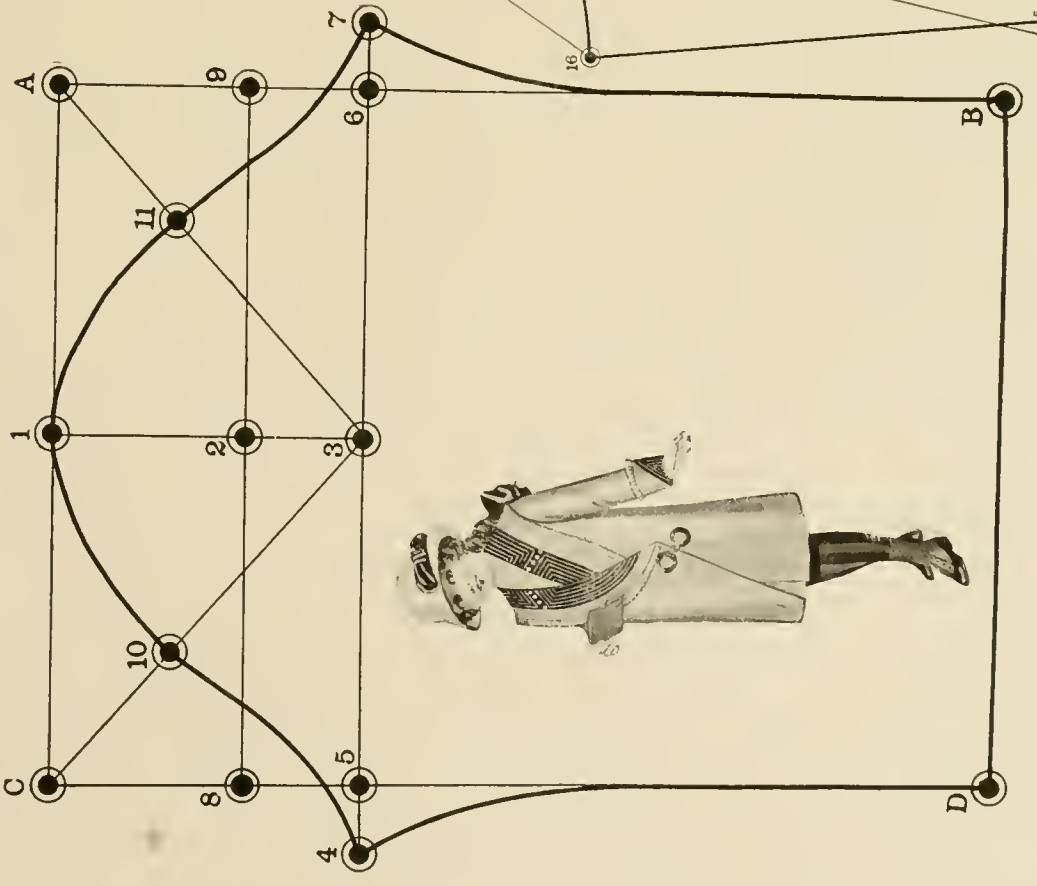


DIAGRAM 128

EIGHT-YEAR-OLD
RAGLAN COAT WITHOUT SEAMS.

DIAGRAM 130

MEASURES.

Bust	28½ inches	Shoulder Height Back	6 — 8 inches
Waist	26½ inches	Shoulder Height Back	6½— 4½ inches
Hip	32 inches	Neck Height of Waist	5½—11¾ inches
Across Chest	12 inches	Across Back	11 inches
Neck	13 inches	Shoulder	4¾ inches
Sleeve	13½ inches		

INSTRUCTIONS.

Follow same instructions as given in diagram 124, page 242. This coat is cut without seams. For double breasted and lay down collor, follow the same instructions as given in diagram 122, page 238.

Draw straight line from 12 to 32. 13 is thee center of 12—32. Square over 13 to 11, ¾ inch. Reshape shoulder from 12—11—32.

At back, draw line from 29 to O. U is the center of O—29. Square U over to T ¾ inch.

Reshape shoulder from 28—29—T—O.

EIGHT-YEAR-OLD
RAGLAN SLEEVE CUT WITHOUT SEAMS.

DIAGRAM 131

INSTRUCTIONS.

Follow same instructions as given in diagram 125, page 248. At undersleeve measure the distance from Q to X. Place Q on 12 and X on 29. Ease between Q—X ½ inch. At back, measure the distance from 29 to O, which is 7 inches. Place the 7 inches on point I to 7. Square over 7 to 6, 2 inches. Draw line up from I to 6. 4 is the center of 6—I. Square 4 to 5, ½ inch.

Shape from I—5 to 6.

At front, measure the distance from 12 to 32, 8¼ inches. Place the 8¼ inches on point P, measure up to 9, 8¼ inches. Square over point 9 to 8, 2 inches.

Draw straight line from P to 8. 3 is the center of 8—P. Square over 3—2, ½ inch.

Shape sleeve from P—2—8. This sleeve is cut through at shoulder.

Square point N up to 10, 3 inches. N to 11 is ¾ inch. N to 1 is ¾ inch.

At bottom, H to W is 2¾ inches. Draw line from W—11—10—8—6—10—1 to W. This completes sleeve.

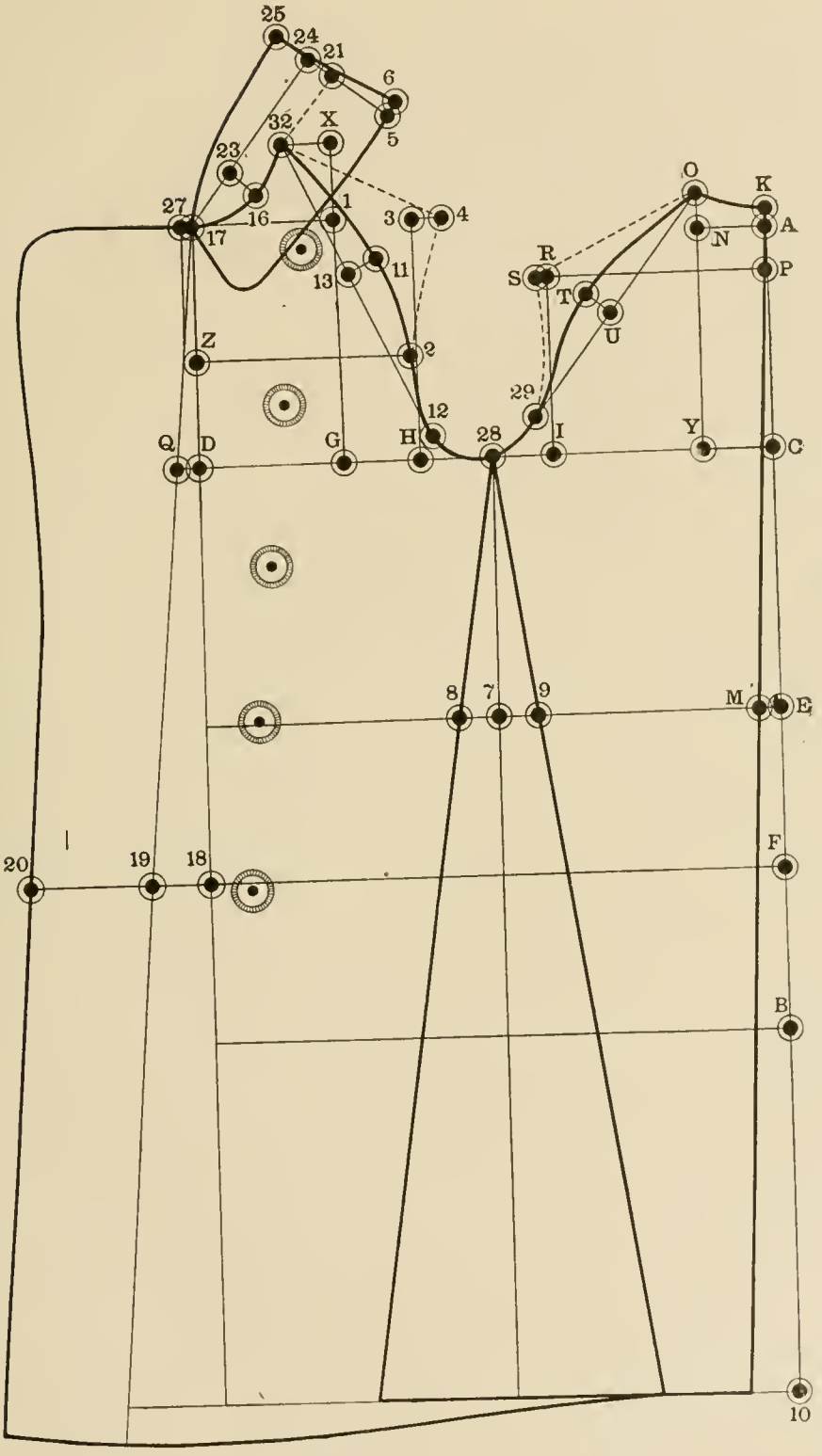


DIAGRAM 130

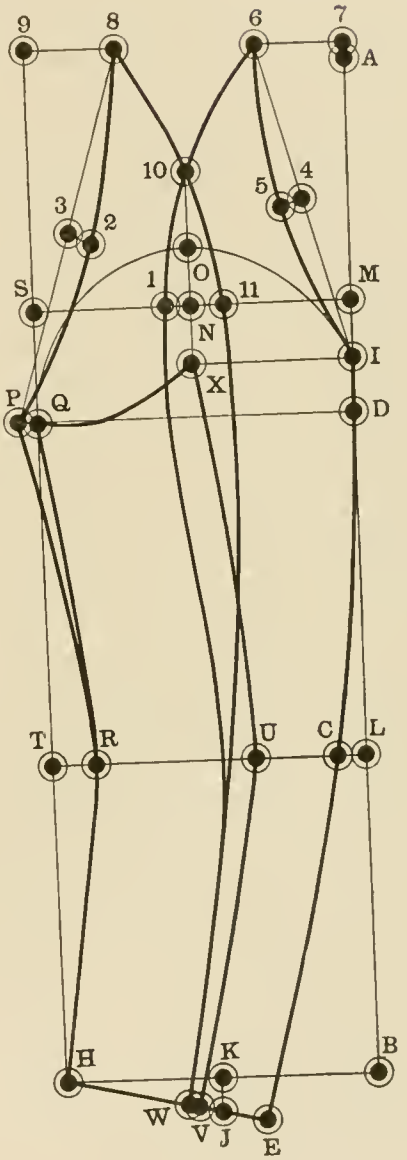


DIAGRAM 131

ONE PIECE KIMONO SLEEVE AND COAT WORKED FROM A BLOCK PATTERN.

DIAGRAM 132

MEASURES.

INSTRUCTIONS.

Lay front and back shoulders together as dotted line shows.

17 to 9 is ¾ inch. 16 to 10 is 1 inch. Draw line from 9—10 to 12. From 9 to 11 is 6¾ inches. Square 11 over to 6—7, 5 inches. 12 to 15 and 12 to 13 is 5½ inches. 12 to 14 is 1 inch.

Draw line from 6—15—7 to 13. Shape bottom from 13—14—15. The distance from 6 to 3 and 2 to 7 is 3 inches, which is lost at the underarm of waist. This distance which is lost we gain by placing an under gore in the body and sleeve.

Draw line from 7 to 8. 6 to 5, 6 inches.

Take the center of 22—23, which is 19. Square this point up to 18, 6 inches, same distance from 7 to 8 and 6 to 5. Square down 19 to 20, 13½ inches, the same distance from 7 to 13 and 6 to 15, length of sleeve. 20 to 24 and 21 is 1 inch.

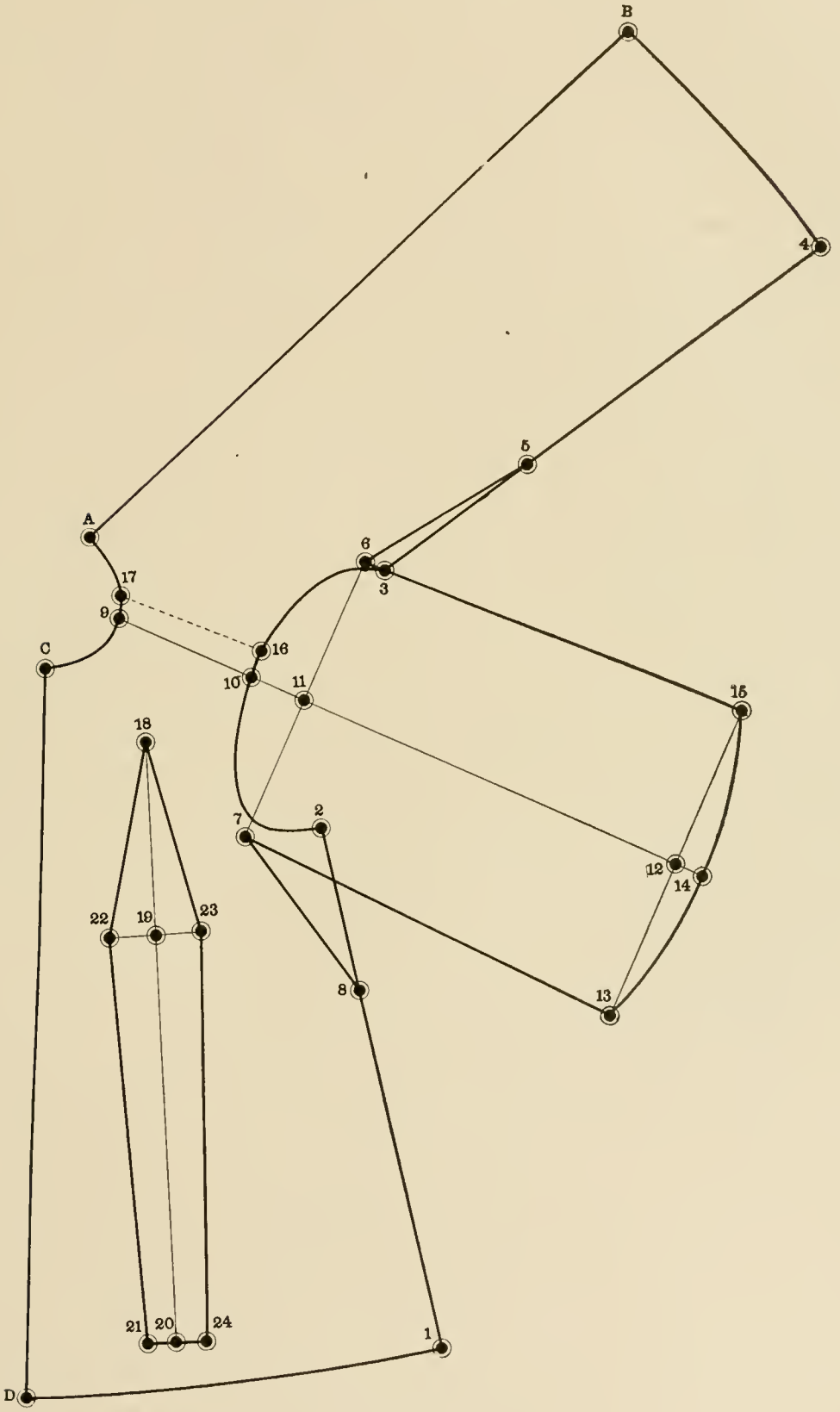


DIAGRAM 132

HOOD NO. 1, EIGHT-YEAR-OLD.

DIAGRA 1133

MEASURES.

Bust 28 inches

INSTRUCTIONS.

Draw line E and B.

E to D and E to F and F to B is always ¼ of bust measure, 7 inches. Square points just given, which constitute box.

Place jacket back and front together as dotted line shows, and draft neck curve E to C; C to A is front of jacket or cape. Now draft curve B through G to A, as shown; ¼ inch all

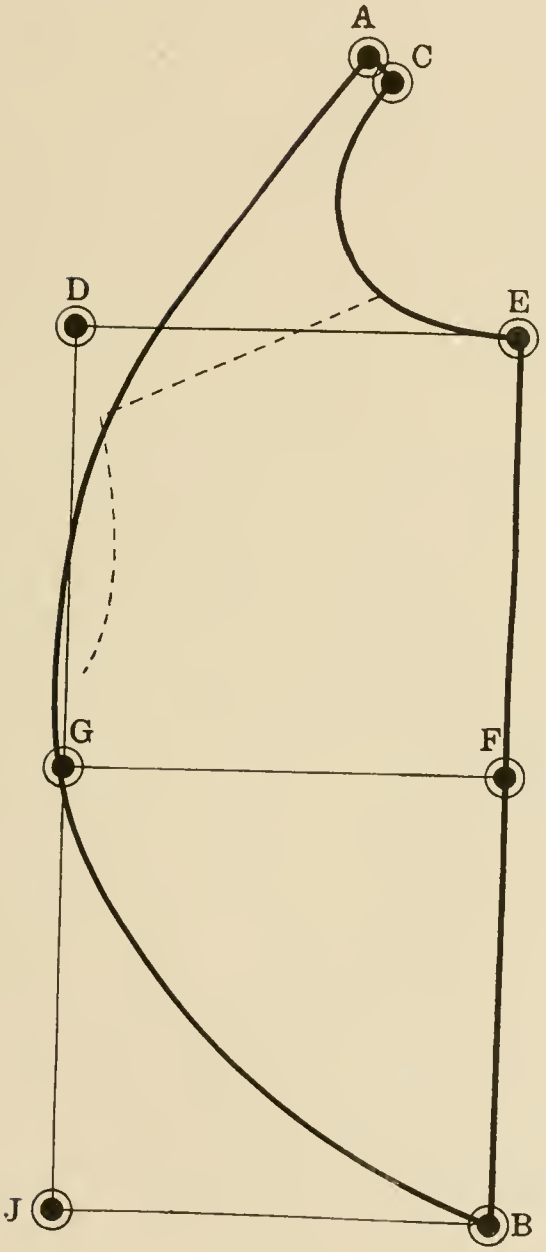






Diagram 133

HOOD NO. 2, EIGHT-YEAR-OLD.

DIAGRAM 134

MEASURES.

Bust 28 inches

Top of this hood is same as No. 1, with exception of F to B being ⅛ of bust, 3½ inches.

From F to P is 4 inches, and from B to I is 5½ inches; increase or decrease these distances for respective sizes; I to H is 1 inch. Now connect these points with straight line, as shown.

Now draft curve from H through G to A.

HOOD NO. 3, EIGHT-YEAR-OLD.

DIAGRAM 135

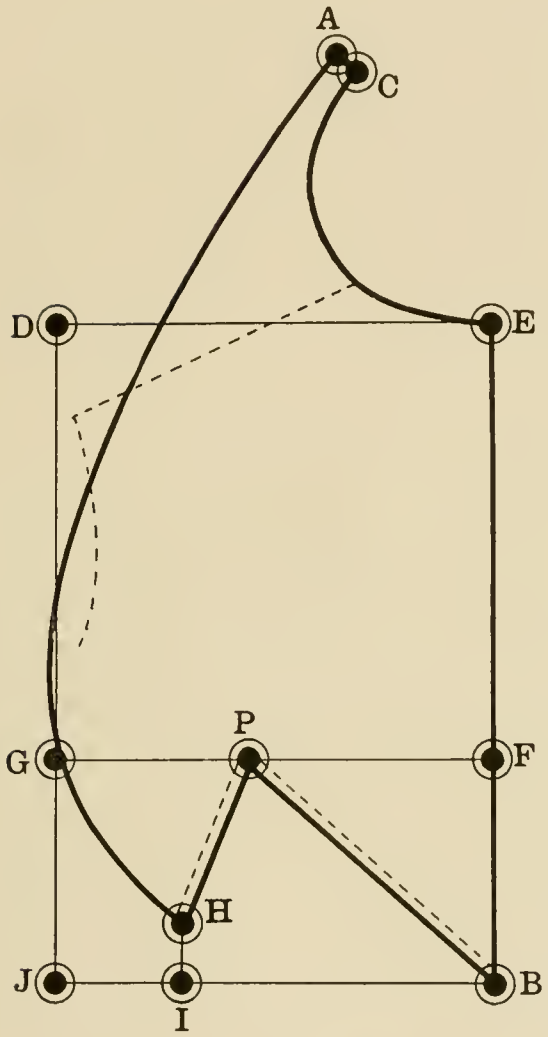
MEASURES.

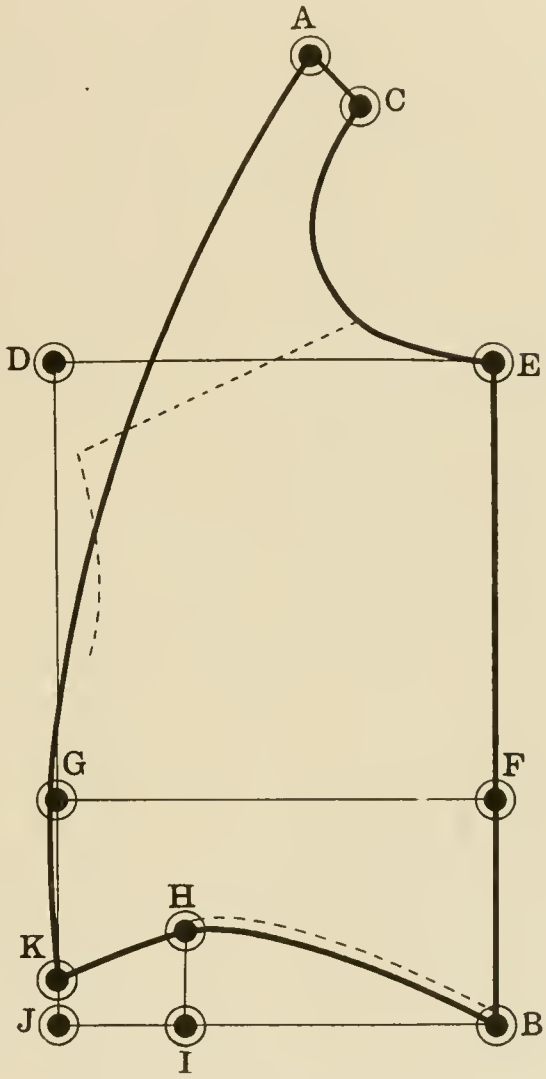
Bust 28 inches

INSTRUCTIONS.

Follow instructions as No. 2, with exception of following:

B to I is 5½ inches, and I to H is 2 inches; J to K is ¾ inch; draft line B to H to line K—G—A, as shown.





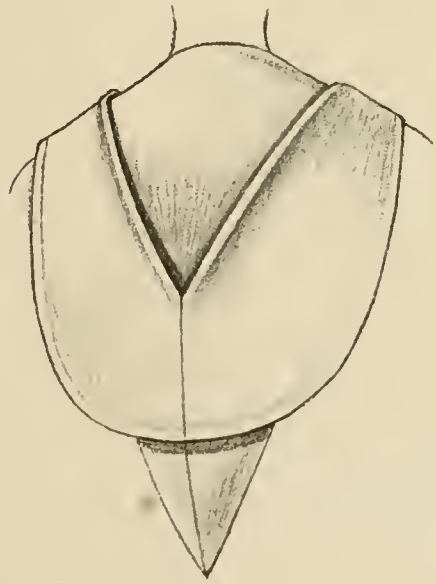


Diagram 134
No. 2

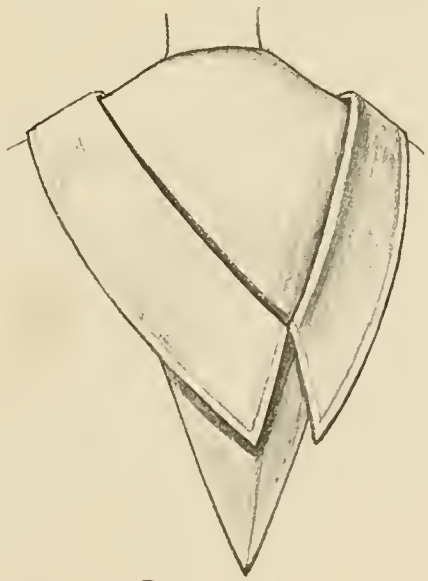


Diagram 135
No. 3



CHILDRENS COLLARS AND CUFFS

ONE PIECE CIRCULAR CAPE.

DIAGRAM 136

INSTRUCTIONS.

Place front and back shoulder together, G F.

At back from H to B is 1 inch.

Draw new line from A to B.

For sweep at bottom C to B, pivet on point E.

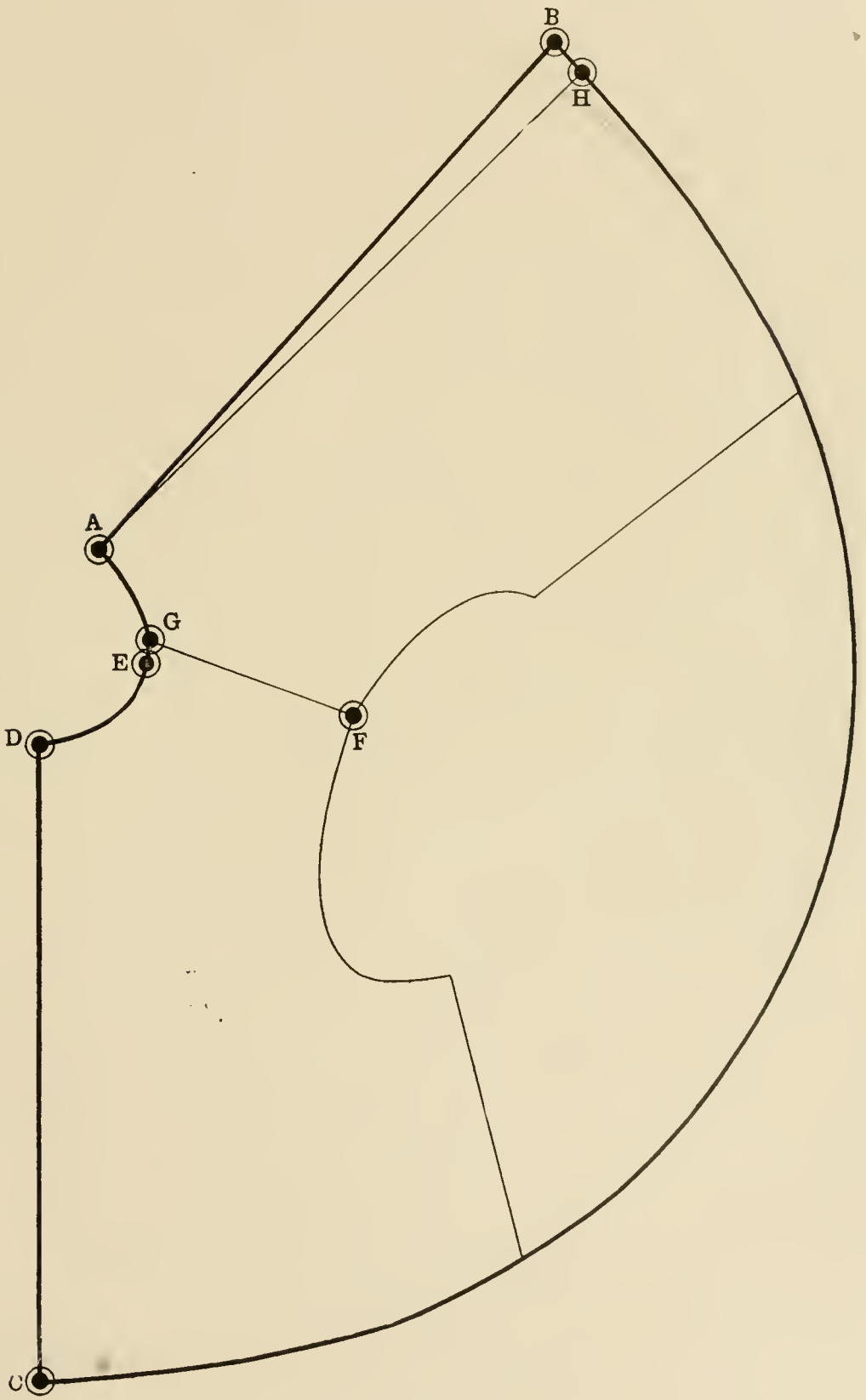


DIAGRAM 136

CIRCULAR CAPE WITH ONE DART.

DIAGRAM 137

INSTRUCTIONS.

Draw an angle from A to K and A to C. Take front and back of coat pattern, lay front on line A to C and back on line A to K allowing 1 inch from J to G.

At back shoulder from I to H allow ½ inch for neck.

Take length of shoulder from F to G and make G to H the same length. K to B is 1 inch for spring.

For sweep at bottom from B to C pivot on point A.

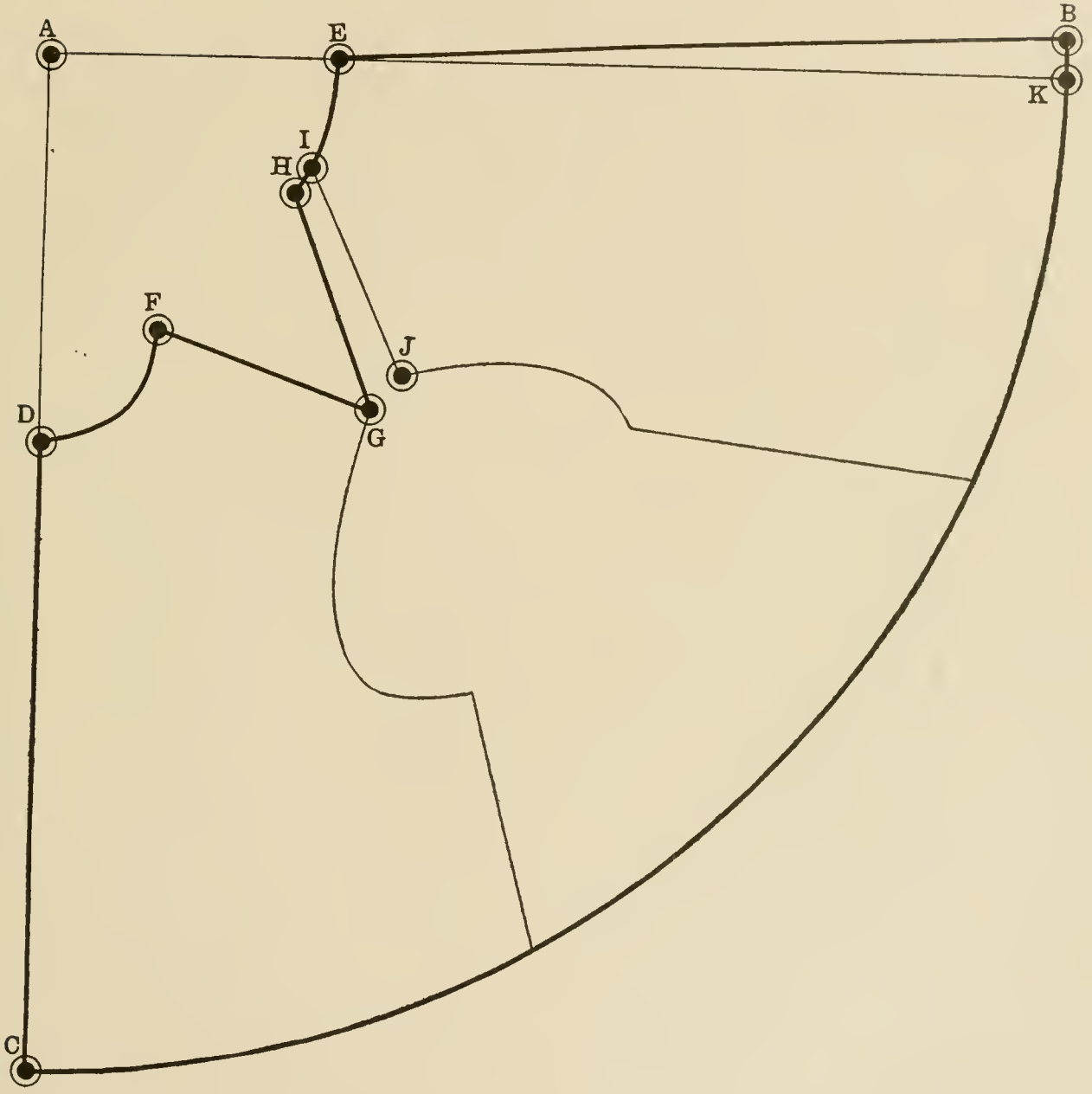


Diagram 137

HOW TO MAKE THE INSIDE FRONTS OF A SEMI-FITTING COAT.

DIAGRAM 138

INSTRUCTIONS.

At the present time the fronts are worked without canvas or haircloth, to avoid the stiffness of the coat. Instead use cambric, as shown on the illustration. Cut the cambric the same shape as the material.

At the front, from 17—12 to 13 must be cut on the straight of material, the same from 5 to 16.

Sew the outside and cambric separately, then press the both seams open, and baste the seam of the coat with the seam of the cambric together, with one or more bastings as shown. Also baste the cambric around the shoulder, armhole, under the arm and down the front.

To work the lapel, make short stitches through the inside of the cambric, catching the cloth without showing the stitches through on the right side. Then tape the break line, 11—12, being very careful not to stretch the cloth, also from where the collar joins around the shape of lapel ease in the cloth from 17 to 12 and from 12 down to bottom. Be careful not to stretch or ease in the cloth.

Between 9—10 cut away 3 inches of the tape, which is 1½ inches above and below the waist length. We cut away the 3 inches so as to give the garment more freedom at the waist line in front.

HOW TO PRESS IN THE SIDE FRONT OF COAT.

At the underarm of coat from 3—4 fold the material over to 5—6, which will give us the crease line, 1—2. Press on this line as much as possible, so that the underarm, 3—4, becomes perfectly straight with the front seam, 5—6.

HOW TO MAKE COLLAR.

Cut the collar bias, also short stitch the lapel and stretch well between 19—18, so collar will lay perfectly flat when turned down. When sewing the collar in the neck, ease ¼ inch between 20—21.



DIAGRAM 138

HOW TO MAKE THE FRONTS OF A TIGHT-FITTING JACKET.

DIAGRAM 139

INSTRUCTIONS.

A garment made according to these instructions will surely prove to be satisfactory in every respect. As shown in cut, the front has French seams. First sponge the canvas, then dry and press it thoroughly. After that cut out according to pattern.

At point 1 of canvas take out a V of ⅜ inch, also at the points 13 and 8. Having joined the edges, cover them with a piece of tape and press thoroughly so as to make seams lay flat.

Now cut a piece of haircloth around the armhole and bust, as shown in cut.

Take out at points 9 and 10 ½ inch each to obtain the required fullness. This ½ inch is correct for 36 inch bust measure; if the bust is larger we have to take out more; if smaller, less than ½ inch.

Now baste haircloth on the canvass, sew tape around the edges, to flatten and to prevent the haircloth from protruding.

No. 14 represents an extra piece of canvas, which is sewed as far down as point of dart to obtain more stiffness over the bust. At the waist line cut canvas as shown in the diagram.

Make a small dart from 4—5, sewing tape on top of it as shown before.

On the outside, at the place where zigzag line is drawn, hold in, while pressing, to get the necessary fullness at the waist (as shown by shadows at 6 and 7 in the diagram.)

Now we are ready to place the canvas with the haircloth on the left side of the goods and to sew both together with small bastings.

In making the lapel use short stitches on the canvas, catching the cloth without showing on the right side, and giving the lapel the necessary rolling shape. Now sew tape from point 11 to 12, and from 13 to 12 to 2 and from 3 to 15, holding in top goods and canvas while sewing on.

Between 2 and 3 at the waist line the goods have to be stretched.

When everything is joined press with a very hot iron.

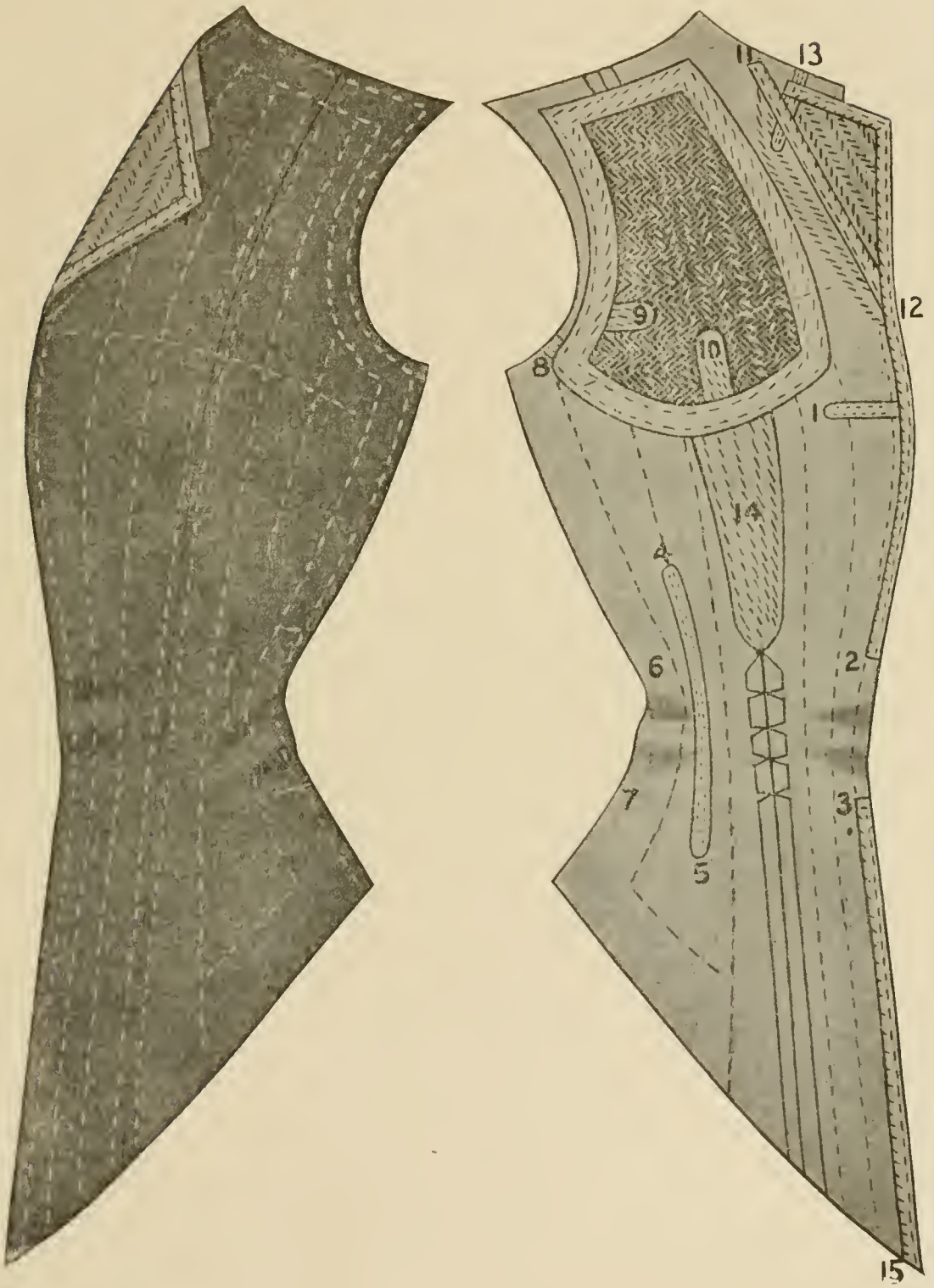


DIAGRAM 139

Alterations

DIAGRAM A.

How to Alter: Reduce the back part from A to B, say, ½ inch, as shown in dotted line. Then move B at the back part up to A, the forepart. Allow at the bottom of the back part ½ inch from D to C.

FIGURE A.

Fault: The back part wrinkles at the side.

Cause : The back part is too short for the forepart.

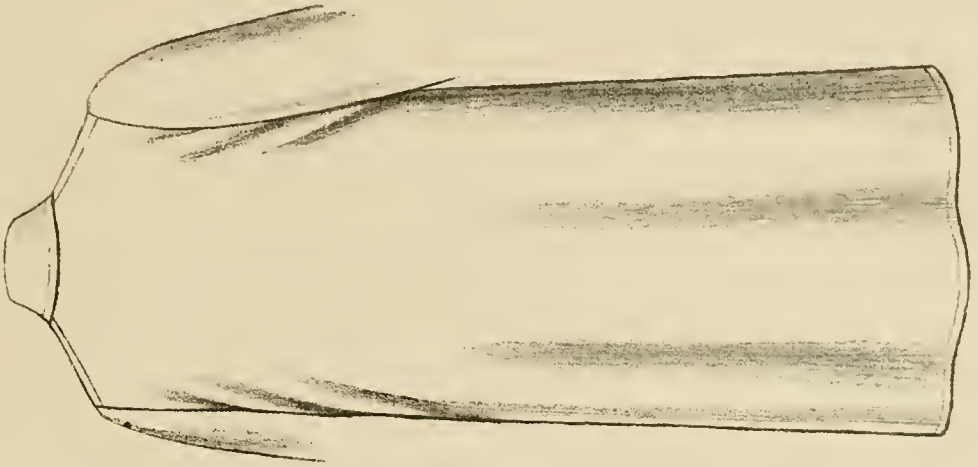


FIGURE A

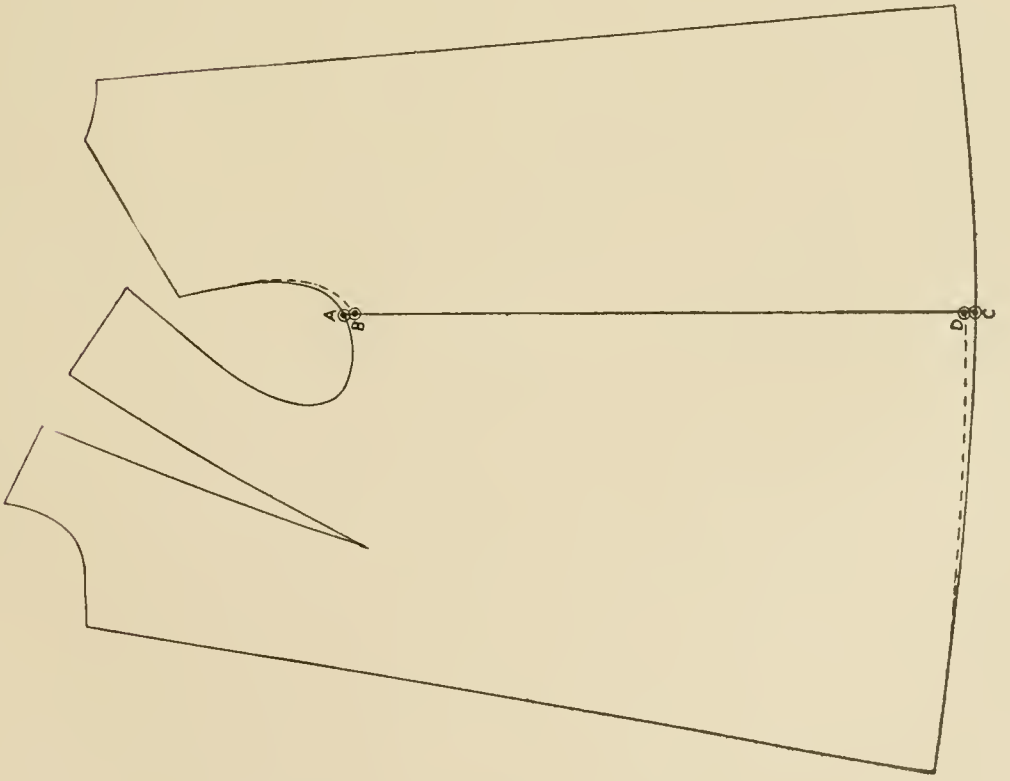


DIAGRAM A

DIAGRAM B.

How to Alter: Reduce the forepart from C to D, say, ½ inch.

From A down to dotted line and over to B is ½ inch.

E to F is ½ inch taken off. Shape from F to G as dotted line shows.

Square over shoulder from B through F, which locates E, and over to the original shoulder point.

FIGURE B.

Fault: Coat springs open at bottom, not enough lap.

Cause: Front shoulder point is too long.

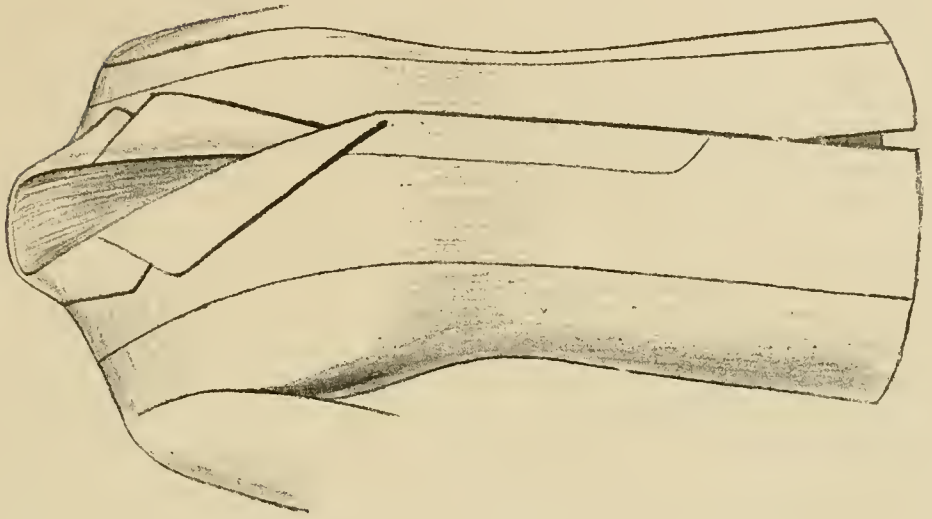


FIGURE B

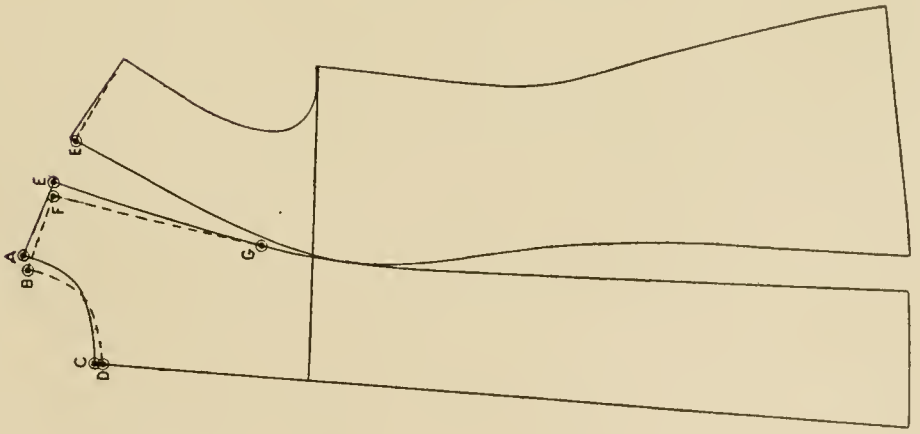


DIAGRAM B

DIAGRAM C.

How to Alter: Reduce the back part from A to B and C to D, say, ½ inch, as shown in dotted line. Reshape from B—D—E to F.

D to F is the same length as C to E.

FIGURE C.

Fault: Coat wrinkles at the back of neck.

Cause: There is too much back length at the back of neck.



FIGURE C

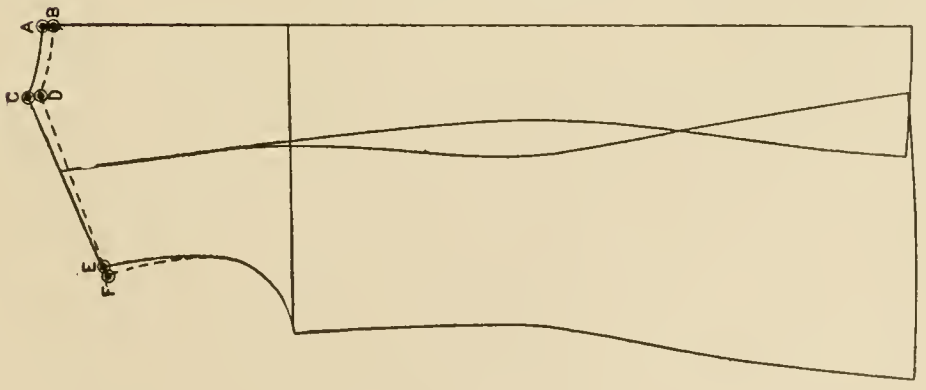


DIAGRAM C

DIAGRAM D. 2

How to Alter: Reduce the sleeve from A to B and C to D, say, ½ inch or more, as shown in dotted line.

Reduce the undersleeve from G to H and E to F the same amount, and reshape.

Lengthen the top sleeve at bottom ½ inch from K to L and I to G, and ½ inch at the undersleeve from K to L and I to G.

FIGURE D. 2

Fault: The sleeve falls in folds from the sleeve head down.

Cause: The sleeve head is too short.

DIAGRAM D—1.

How to Alter: Reduce the sleeve head from 1 to 2, say, ½ inch, as dotted line shows.

Reduce the undersleeve from 3 to 4, the same ½ inch, as dotted line shows.

FIGURE D—1.

Fault: This sleeve wrinkles at the top of the undersleeve upward.

Cause: It has too much sleeve head.

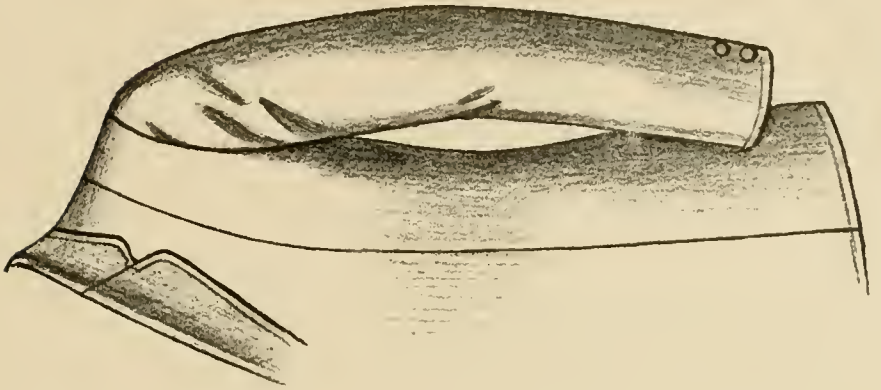


Figure D 1

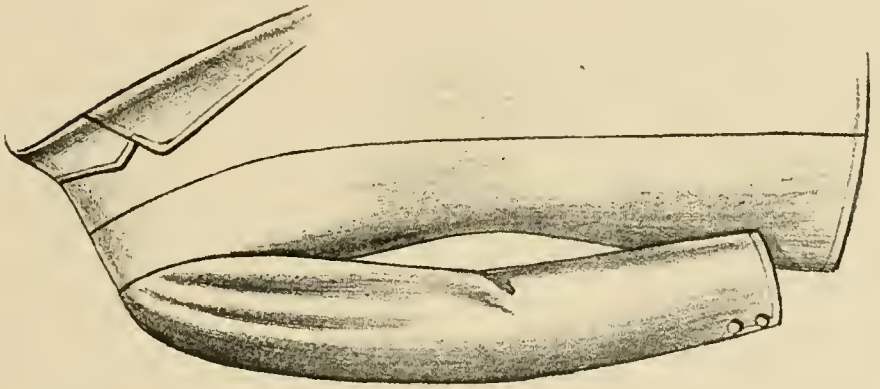


Figure D 2

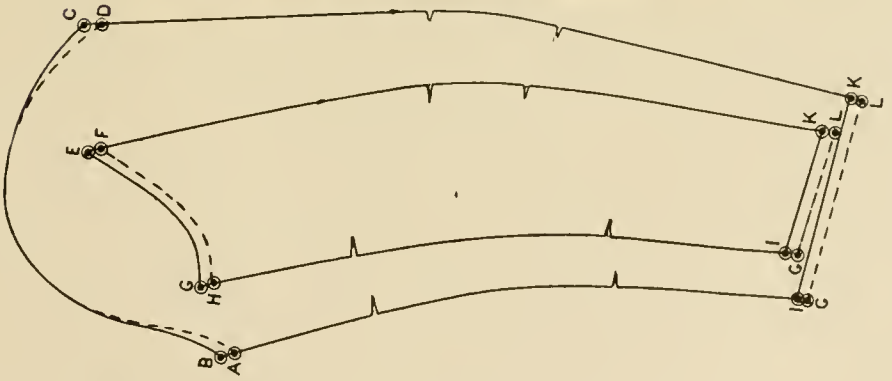


Diagram D 2

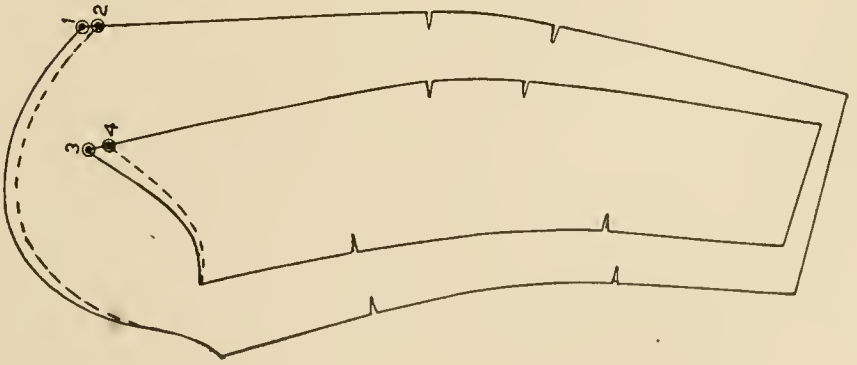


Diagram D 1

DIAGRAM E.

How to Alter: Take the fullness out at the side front only, in this case 1 inch more or less from C to B, slightly shaped up to A.

FIGURE E.

Fault: When a coat is too full in the front at bottom.

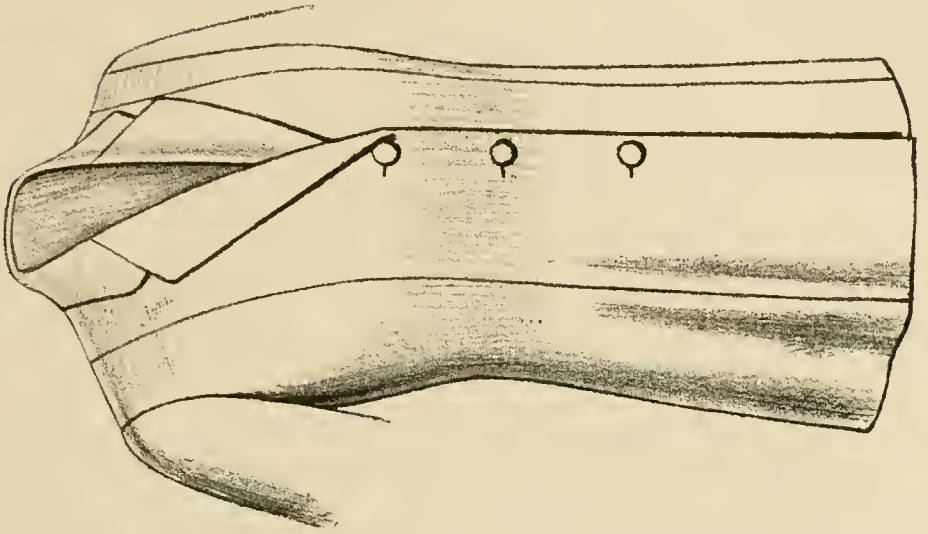


FIGURE E

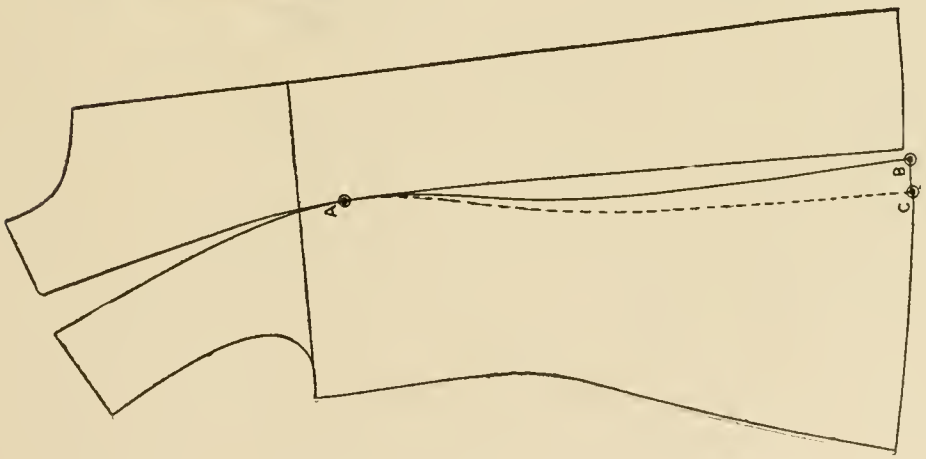


DIAGRAM E

DIAGRAM F.

How to Alter: Rip the seam at top of the side front gore and take off ¾ inch, in this case from A to B. Shape down to bust line.

The distance we take off from A to B add on the shoulder from C to D, as dotted line shows.

FIGURE F.

Fault: Front armhole too full.

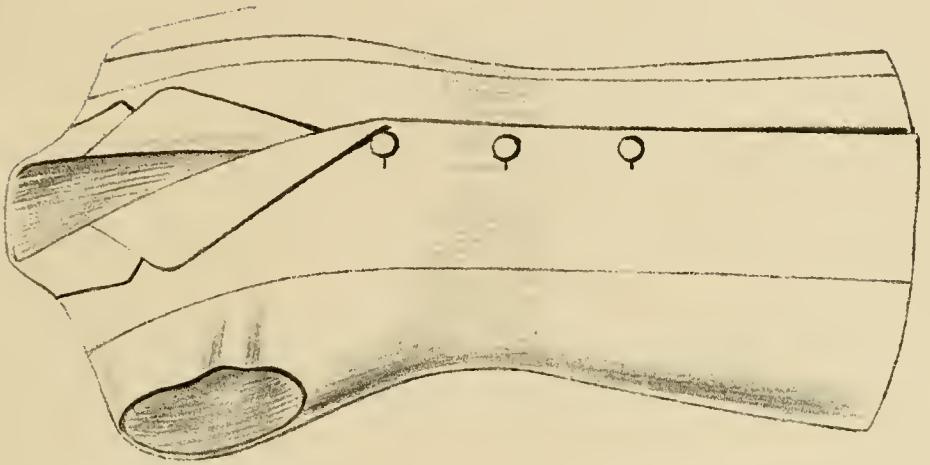


Figure F

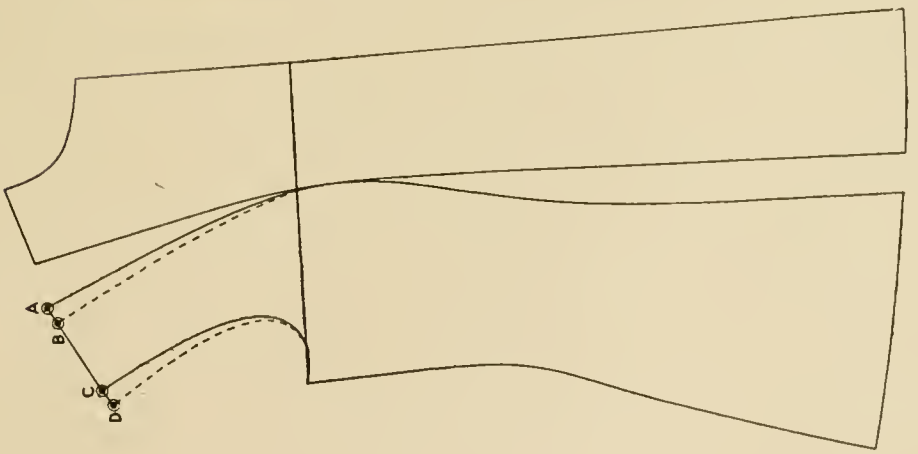


Diagram F

DIAGRAM G.

How to Alter: Rip the seam at top of the side back gore and take off ¾ inch in this case. From A—B shape down below the bust line to I. The distance we take off from A to B add on the shoulder from C to D, as dotted line shows.

FIGURE G.

Fault: Back armhole too full.

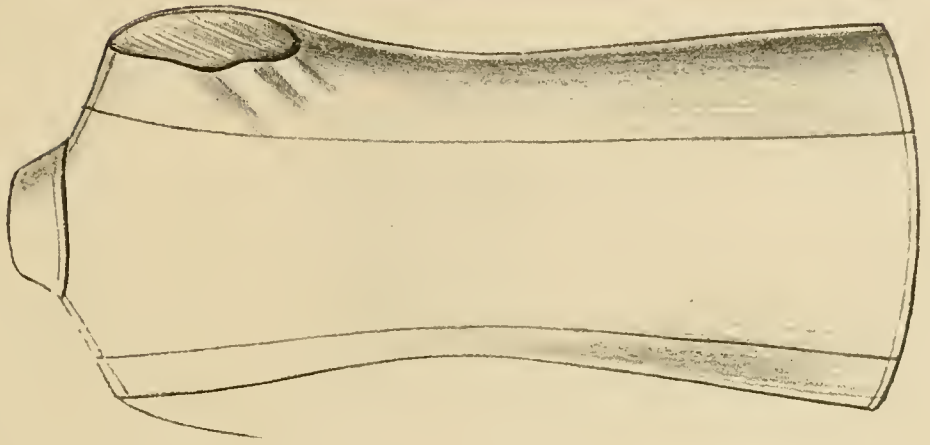


Figure G

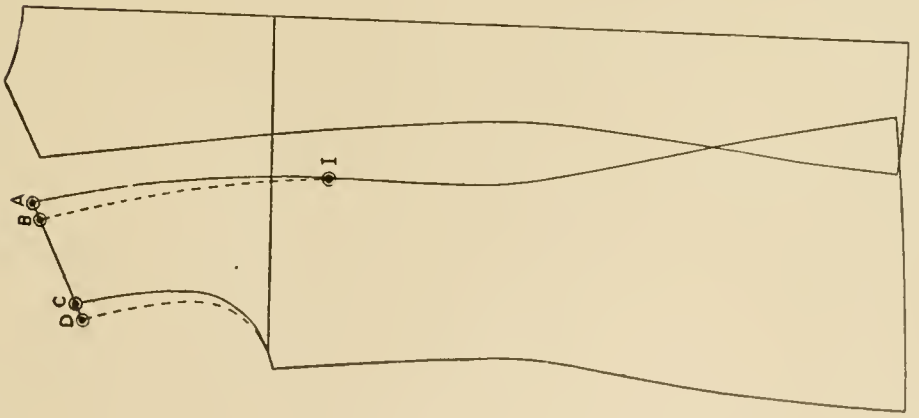


Diagram G

DIAGRAM H.

How to Alter: Rip coat open at the bottom and allow at the side back gore from V to C 1 inch more or less, slightly shaped to A, as dotted line shows.

FIGURE H.

Fault: When a coat wrinkles across the back at waist line.

Cause: The coat is too tight over the hip at back.

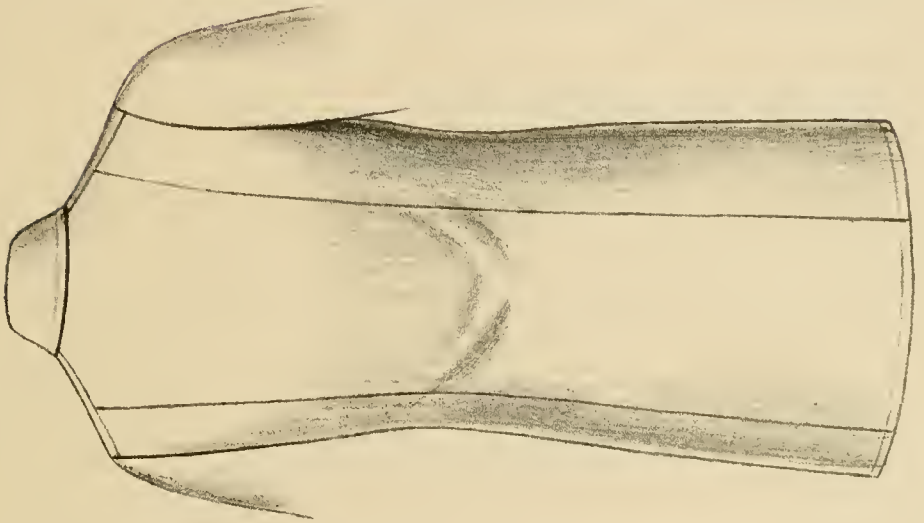


Figure H

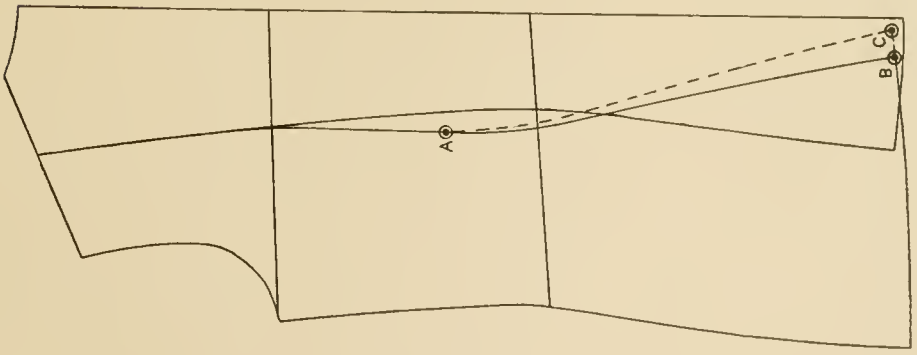


Diagram H

DIAGRAM J.

How to Alter: Allow at the back from B to A and D to C ¾ inch. Reshape shoulder from C to F, as dotted line shows.

FIGURE J.

Fault: When a coat falls in folds down center back.

Cause: The coat is cut out too deep at the back of neck.

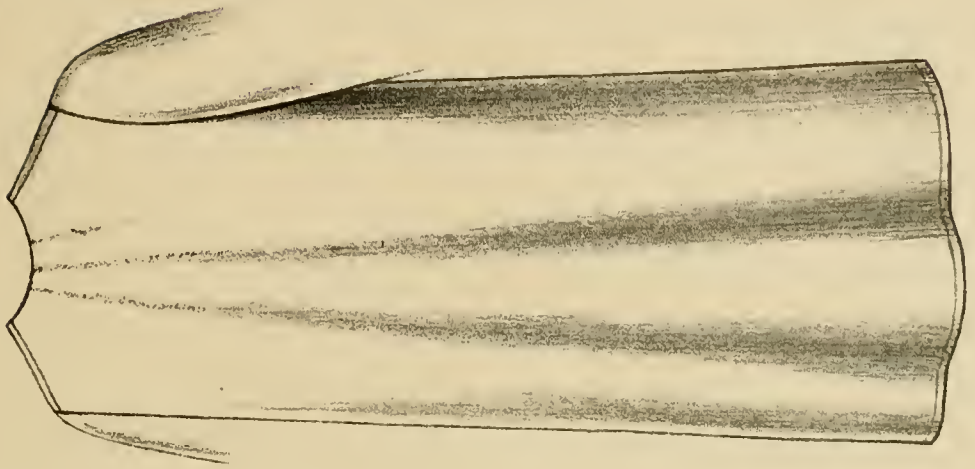


Figure J

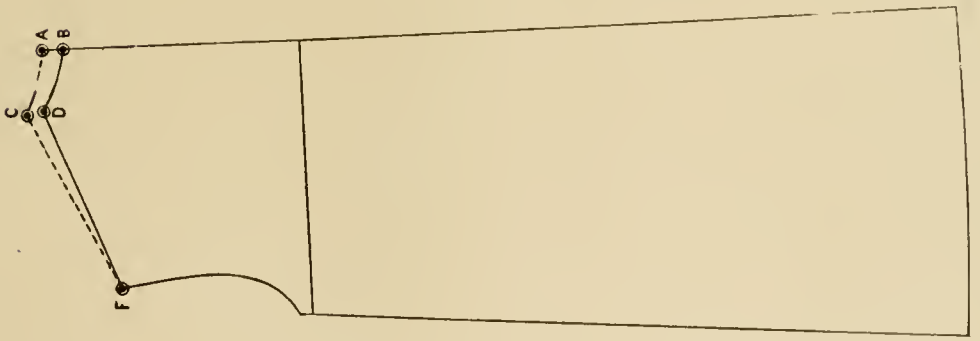


Diagram J

INDEX

	Page
INTRODUCTION	5
PREFACE TO SECOND EDITION	6
PROPORTIONAL MEASUREMENTS	9
PROPORTIONAL WIDTHS	10
PROPORTIONAL LENGTHS	11
DIRECTIONS FOR TAKING MEASURES	12
JACKET LESSON 1	14
JACKET LESSON 2	16
TIGHT BACK, LOOSE FRONT	18
TIGHT BACK, LOOSE FRONT, COMPLETE	20
TIGHT FITTING BACK, WITH TWO DARTS	22
TIGHT FITTING BACK, LOOSE FRONTS, FRENCH SEAMS	24
TIGHT FITTED JACKET FRENCH SEAMS	26
REGULAR COAT SLEEVE	28
HOW TO MAKE SLEEVE WIDER AT TOP	30
HOW TO MAKE REGULAR SLEEVE SHORTER OR LONGER	32
BISHOP SLEEVE	34
SEMI-FITTING WITH UNDER GORE	36
SEMI-FITTING COAT WITH SEAMS AT SIDES AND SAILOR COLLAR	38
LOOSE SEMI-FITTING COAT	40
SEMI-FITTING COAT WITH SHAWL COLLAR	42
SEVEN-EIGHTHS FITTING COAT FOR CORPULENT FIGURE	44
HIPLESS COAT	46
LOOSE STRAIGHT LINE COAT	48
MONTE CARLO COAT	50
TWO PIECE COAT	52
LOOSE BOX COAT	54
ULSTER WITH SEPARATE SKIRT	56
LOOSE COAT, RAGLAN SLEEVE	58
HOW TO PLACE DARTS IN FRONT OF RAGLAN	60
HOW TO MAKE A RAGLAN FROM A BLOCK PATTERN, LOOSE COAT	62
HOW TO MAKE A COAT WITH A DEEP ARMHOLE FROM BLOCK PATTERN	64
FOR DEEP ARMHOLE	66
COLLARLESS SEMI-FITTING KIMONO COAT	68
SHAWL COLLAR WITH SEAM ON SHOULDER SHOWN ON BLOCK PATTERN	70
SET ON COLLAR AND LAPEL SHOWN ON BLOCK PATTERN	72
TWO-PIECE KIMONO COAT WORKED FROM BLOCK PATTERN	74
LOOSE FRONT JACKET, THREE-EIGHTHS SEAMS ALLOWED	76
NINETEEN GORE CORSET JACKET	78
ETON JACKT	80
RUSSIAN BLOUSE	82
TIGHT FITTING JACKET WITH SEPARATE SKIRT	84
LOOSE FRONT JACKET WITH TIGHT FITTING VEST	86
LOOSE BACK TIGHT FRONT VEST	88
TIGHT FITTING VEST	90
EMPIRE JACKET	92
NORFOLK JACKET	94
NORFOLK JACKET	96
TO DRAFT SLEEVE FOR DROP SHOULDER	98
SEMI-FITTING COAT WITH VEST AND DROP SHOULDER	100
THREE-PIECE STORM COLLAR	102
CHILD'S TURNED DOWN COLLAR	104
STANDING COLLAR	106
TURNED DOWN COLLAR	106
HOW DOLMAN MEASUREMENTS ARE TAKEN	108
OPERA CLOAK	110
ULSTER WITH DOLMAN SLEEVE	112
FICHU NO. 3	114
FICHU NO. 4	116
DOLMAN NO. 5	118
DOLMAN NO. 6	120
DOLMAN NO. 7	122
DOLMAN NO. 8	124
CAPE WITH ONE DART	126
CAPE WITH TWO DARTS	128
COACHMAN'S FUR CAPE	130
HOW TO GRADE MONTE CARLO OR LOOSE BOX COAT	132
HOW TO GRADE MONTE CARLO OR LOOSE BOX COAT (Continued)	134
ULSTER NO. 1	136
ULSTER NO. 2	138
PRINCESS DRESS	140
HOOD NO. 1	142
HOOD NO. 2	144
HOOD NO. 3	144
KNEE LEGGINS	146
SHOE LEGGINS	146

INDEX

	Page
WAISTS, FIRST LESSON	150
WAISTS, SECOND LESSON	152
TIGHT FITTED LINING, FRENCH SEAMS	154
TIGHT LINING SHIRT WAIST WITH ONE GORE	156
TIGHT FITTING TWO PIECE LINING	158
BLOUSE SHIRT WAIST	160
DIAGRAM 82	162
TURN OVER COLLAR	164
BISHOP SLEEVE	166
TIGHT LINING SLEEVE	166
TIGHT FITTING PRINCESS, FOUR PIECES	168
BLOUSE WAIST, DROP SHOULDER	170
BLOUSE WAIST WITH DEEP ARMHOLE	172
HOW TO MAKE KIMONO SLEEVE FROM BLOCK PATTERN	174
WAIST WITH KIMONO SLEEVE	176
MANNISH SHIRT WAIST SLEEVE	178
HOW TO MAKE A SHAWL COLLAR AND LAPEL	180
HOW TO MAKE A NOTCH COLLAR	182
HOW TO MAKE A SAILOR COLLAR FROM BLOCK PATTERN	184
HIPLESS OR HOBBLE SKIRT IN ONE PIECE	188
EMPIRE SKIRT	190
HOBBLE SKIRT WITH ONE PLEAT ON SIDE	192
HOBBLE SKIRT	194
PANTALOON SKIRT	196
CIRCULAR SKIRT	198
THREE GORE SKIRT	200
FIVE GORE FLOUNCE SKIRT	202
FIVE GORE SKIRT	204
SEVEN GORE SKIRT	206
NINE GORE SKIRT	208
ELEVEN GORE SKIRT FOR A FULL CORPULENT FIGURE	210
ELEVEN GORE FLARE SKIRT	212
THIRTEEN GORE PLEATED SKIRT	214
FIFTEEN GORE SKIRT	216
SAFETY RIDING SKIRT	220
BACK PART OF SKIRT	222
ILLUSTRATIONS SHOWING DIFFERENT POSITIONS OF SAFETY RIDING HABITS	224
RIDING HABIT, SIDE SADDLE, FRONT PART	226
RIDING HABIT, SIDE SADDLE, BACK PART	228
DIVIDED RIDING HABIT SKIRT	230
RIDING BREECHES	232
PROPORTIONAL MEASUREMENTS, CHILDREN'S	234
PROPORTIONAL MEASUREMENTS, MISSES & JUNIORS'	235
FIRST LESSON	236
SECOND LESSON	238
EIGHT YEAR OLD REEFER	240
SEMI-FITTING COAT, EIGHT YEARS	242
SEMI-FITTING FRENCH SEAMS, EIGHT YEARS	244
EIGHT YEAR OLD BOX COAT	246
PLAIN COAT SLEEVE	248
BISHOP SLEEVE WITHOUT SEAMS	250
EIGHT YEAR OLD KIMONO SLEEVE AND COAT	252
HOW TO MAKE A DEEP ARMHOLE FROM A BLOCK PATTERN	254
DRAFT A SLEEVE	254
EIGHT YEAR OLD RAGLAN COAT WITHOUT SEAMS	256
EIGHT YEAR OLD RAGLAN SLEEVE CUT WITHOUT SEAMS	256
ONE PIECE KIMONO SLEEVE AND COAT WORKED FROM BLOCK PATTERN	258
HOOD NO. 1, EIGHT YEARS	260
HOOD NO. 2, EIGHT YEARS	262
HOOD NO. 3, EIGHT YEARS	262
ILLUSTRATIONS SHOWING CHILDREN'S COLLARS AND CUFFS	264
ONE PIECE CIRCULAR CAPE	266
CIRCULAR CAPE WITH ONE DART	268
HOW TO MAKE THE INSIDE FRONTS OF A SEMI-FITTING COAT	270
HOW TO MAKE THE FRONTS OF A TIGHT FITTING JACKET	272
HOW TO MAKE ALTERATIONS	274
FIGURE A, DIAGRAM A	276
FIGURE B, DIAGRAM B	278
FIGURE C, DIAGRAM C	280
FIGURE D-1, DIAGRAM D-1	282
FIGURE D-2, DIAGRAM D-2	282
FIGURE E, DIAGRAM E	284
FIGURE F, DIAGRAM F	286
FIGURE G, DIAGRAM G	288
FIGURE H, DIAGRAM H	290
FIGURE J, DIAGRAM J	292

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